

PPA END OF YEAR REPORT

FFY2013



Photo courtesy of Norm Erikson, Utah Division of Air Quality

**Utah Department of Environmental Quality
and
U.S. Environmental Protection Agency,
Region VIII**

December, 2013

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Introduction

This End of Year Report documents the accomplishments of the Utah Department of Environmental Quality under the FY13 Performance Partnership Agreement and Performance Partnership Grant.

Utah DEQ appreciates the flexibility allowed by the PPA and PPG in meeting critical environmental goals and the burden reduction offered by a single end of year report.

We remain committed to the PPA as “the most effective mechanism through which EPA and states can explain jointly-developed goals and priorities and how they will work together to achieve environmental results.”¹

¹ EPA Website, Performance Partnership Agreements at http://www.epa.gov/ocir/nepps/pp_agreements.htm

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EPA Goal and Objective	EPA Measurement	DEQ Goal	DEQ Measure and Status
Goal 1: Improving Air Quality – Achieve and maintain health-based air pollutant standards and reduce risk from toxic air pollutants and indoor air contaminants	Reduce Criteria Pollutants and Regional Haze	1. Develop and implement appropriate SIPs for all areas of the state.	a. State develops all State Implementation Plan revisions required to meet federal law and submits them to EPA for their review and approval according to the established timeframe. <i>STATUS: The State has completed the PM_{2.5} SIP for Cache County, and is working with EPA to complete the SIPs for the Salt Lake and Provo nonattainment areas. All other outstanding SIP revisions are awaiting the development of EPA guidance.</i>
			b. All measures contained in the SIP approved by the Air Quality Board are fully implemented. <i>STATUS: Utah has implemented all control measures contained in plans submitted to EPA.</i>
		2. Develop and improve appropriate inventories.	a. The Title V inventory is prepared by August 15. <i>STATUS: The Title V inventory was prepared by August 15, 2013.</i>
			b. Required inventory data is entered into the NEI by June 1. <i>STATUS: All of the required inventory data which include point, area, mobile, and non-road inventories are on track to be submitted to the NEI on time by April 2013.</i>
			c. Non-HAP/non-Criteria/non-MACT regulated pollutants are inventoried as required by federal rules. <i>STATUS: Non-HAP/non-Criteria/non-MACT inventories were submitted by August 15, 2013.</i>

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			<p>d. The inventories required for the Maintenance Plans and SIPs are developed as required and appropriate technical support for each is submitted to EPA for their review with the applicable plan.</p> <p><i>STATUS: Episodic, base-year, and projected- year inventories were completed, documented and submitted to the Air Quality Board, EPA, and the public for comment. Further work on future-year inventories for the Salt Lake and Provo non-attainment areas will be completed throughout 2014.</i></p>
		3. Continue to meet federal requirements for PSD increment tracking.	<p>a. Increment consumption for major sources is tracked as permits are issued.</p> <p><i>STATUS: Class I and Class II increment analyses were completed for all PSD permit applications.</i></p>
		4. Maintain an adequate ambient air quality monitoring program meeting the requirements of 40 CFR Part 58 to assess public exposure to air pollutants and to establish the attainment status.	<p>a. The annual Monitoring Network Plan is completed and submitted to EPA by June 30. Evaluate monitoring network to reflect recent changes in funding and national monitoring requirements to optimize the network.</p> <p><i>STATUS: The annual network plan was completed and made available for public inspection on May 30, 2013. The final document was submitted to EPA on July 1, 2013. EPA has made no comments on the plan.</i></p>
			<p>b. The PM_{2.5} monitoring network is maintained and operated as appropriate funding is received from EPA.</p> <p><i>STATUS: The PM_{2.5} monitoring network was maintained and operated as funded by EPA.</i></p>

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			<p>c. Monitoring data are submitted to EPA 90 days after each quarter.</p> <p><i>STATUS: Data are generally submitted to EPA within 90 days after each quarter.</i></p>
			<p>d. Locations for new monitoring sites are based on current emission inventories, air quality modeling and EPA regulation.</p> <p><i>STATUS: This is an ongoing standard procedure. All sites are selected using a variety of inputs, including saturation studies, modeling, availability of a suitable site, etc.</i></p>
			<p>e. Staff works with EPA to assess the impacts of changes to 40 CFR 58, and continue planning for the implementation of those changes (National Monitoring Strategy/Ncore Monitoring Network).</p> <p><i>STATUS: The NCORE required monitoring started January 1, 2011 and continues.</i></p>
			<p>f. The National Air Toxics Trends site in Bountiful is operated in accordance with NATTS QAPP with appropriate updates.</p> <p><i>STATUS: The National Air Toxics Trend site in Bountiful is operating. Samples have been collected and submitted to EPA's contract lab. The data have been reviewed and approved for submittal into EPA's AQS data base.</i></p>

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			<p>g. An appropriate response to each identified NAAQS violation is prepared and submitted to EPA.</p> <p><i>STATUS: UDAQ and EPA are using the current monitoring data to propose the attainment status for each area in Utah. As monitored exceedances of the NAAQS are identified that are influenced by exceptional events, appropriate data flags are being applied, and supporting documentation submitted to EPA for review and concurrence. As nonattainment areas are identified, appropriate State Implementation Plans will be developed to address the issues causing the nonattainment status.</i></p>
			<p>h. The annual certification of 2012 data is completed by the May 1, 2013 annual certification date.</p> <p><i>STATUS: Certification of 2012 data was completed and submitted to EPA on May 1, 2013.</i></p>
			<p>i. Participation in the Three-State Pilot Study continues with two major tasks: 1) continued operation of the Price ozone/meteorological site with a goal of collecting 3 years of Federal regulatory data using existing EPA funds and anticipated Federal Land Manager funds in FY12/13; and 2) staff and other support is provided to the Three-State Data Warehouse and modeling efforts as the project design matures and funding allows.</p> <p><i>STATUS: UDAQ is completing the third year of operating the Price monitor. This monitor is classified as special purpose and all data is submitted to AIRS. UDAQ staff participates on the 3-State Project steering committee and helped develop the study plan. The monitoring portion of the study will be completed on December 31, 2013, and the site will be shut down at that time.</i></p>

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			<p>j. Before 2013, begin to submit AQS data in XML format.</p> <p>STATUS: Per conversations with Richard Payton, this requirement is no longer in place.</p>
		5. Maintain the compliance status of air pollution sources in the state.	<p>a. By November 15, prepare and submit to EPA for review and approval the compliance monitoring strategy incorporating the provisions of EPA's April 25, 2001 Clean Air Act Stationary Source Compliance Monitoring Strategy.</p> <p>STATUS: The Compliance Monitoring Strategy for FFY 2014 will be submitted to USEPA Region VIII on December 30, 2013.</p>
			<p>b. Asbestos notification, certification and outreach programs are continued, and at least 120 on-site inspections are performed.</p> <p>STATUS: Asbestos notification, certification and outreach programs were operated and inspections were performed at 201 sites.</p>
		6. Implement the Operating Permits Program meeting the current requirements of Title V, CAAA 1990, and the Utah Air Conservation Act.	<p>a. An Operating Permits Program is continued as described in program approval from EPA.</p> <p>STATUS: The Operating Permits Program has been implemented as outlined in the program approval from EPA. The Title V Permits have been issued as expeditiously as possible.</p>
			<p>b. The provisions of the Acid Rain Act and 40 CFR Part 72 and Part 76 are implemented.</p> <p>STATUS: The implementation of 40 CFR Parts 72 & 76, and the Acid Rain Act are ongoing.</p>
		7. Continue issuing approval orders for new sources and modifications of the existing approval orders.	<p>a. A demonstration is made that the NAAQS and PSD increment ceilings in Class I and Class II areas are protected.</p> <p>STATUS: Air quality modeling was completed for major and minor source applications according to R307-410-3.</p>

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EPA Goal and Objective	EPA Measurement	DEQ Goal	DEQ Measure and Status
			<p>b. BACT/LAER determinations are either entered into the RACT/BACT/LAER Clearinghouse or the information is provided to EPA so they can enter the data.</p> <p><i>STATUS: This is an ongoing process that is performed continually.</i></p>
		8. Quality Assurance programs are reviewed for effectiveness.	<p>a. Statistical quality standards are met for the collection of ambient air data and emissions inventories prepared by the State.</p> <p><i>STATUS: On-going – All statistics were collected for site inspections, monitoring, inventory, etc. following the existing QA protocols.</i></p>
			<p>b. Rules, regulations, procedures, policies, and protocols are complied with.</p> <p><i>STATUS: UDAQ complies with all rules, regulations, procedures, policies and protocols.</i></p>
			<p>c. Regulatory activities are documented, including the appropriate technical support.</p> <p><i>STATUS: All commitments were met or exceeded. Data to verify that commitment were met in AIRS.</i></p>
			<p>d. The State and EPA agree on the adequacy of air program results.</p> <p><i>STATUS: UDAQ and EPA Region VIII confer regularly on the results of the air program implementation.</i></p>
		9. Maintain the small business environmental assistance program (SBEAP) to actively assist small businesses to comply with rules of the Board.	<p>a. Educational Assistance is offered to all small businesses affected by adopted NSPS and MACT standards.</p> <p><i>STATUS: Ongoing.</i></p>

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			<p>b. As appropriate, the Small Business Compliance Advisory Panel's role is modified to increase the effectiveness of the SBEAP.</p> <p>STATUS: Small Business CAP remains active with quarterly meetings and additional email and phone updates. CAP members are specially invited to participate in air quality planning initiatives including PM2.5 SIP development.</p>
			<p>c. On-site assistance is provided when requested.</p> <p>STATUS: Assistance is provided to businesses when needed.</p>
			<p>d. The small business work plan for the Small Business Compliance Advisory Panel is modified as appropriate to better meet assistance needs.</p> <p>STATUS: The work plan is modified at each panel meeting.</p>
			<p>e. Assistance tracking is modified as appropriate to better provide and measure assistance needs.</p> <p>STATUS: The SBEAP is reviewing assistance provided and reviewing business needs to provide better quality assistance to the regulated community.</p>
		10. Continue to implement R307-204, Smoke Management, the Utah Smoke Management Plan (SMP), and MOU to mitigate smoke impacts from managed natural fires and prescribed fire on visibility, public nuisance, and the health-based NAAQS.	<p>a. Necessary burn approval and denial decisions made by the Smoke Program Coordinator and Executive Secretary are coordinated with partner agencies.</p> <p>STATUS: UDAQ coordinated 89 large burn projects by land management agencies, including 7 by the Park Service, 29 by the Forest Service, 24 by the BLM, and 29 by State Forestry.</p>

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			<p>b. The rules and SIP are revised as needed to implement revisions to the FLM burn policies and practices, particularly regarding Use of Wildland Fire issues.</p> <p>STATUS: UDAQ gave comments to the FLMs on FLM-proposed revisions to the rules and is waiting for a response from the FLMs.</p>
		11. Work with EPA to obtain federal actions on the backlog of State submittals.	<p>a. Appropriate assistance is provided to EPA staff responsible for completing federal action on each submittal to facilitate final EPA action on each.</p> <p>STATUS: EPA is not working on the backlog of actions unless they are the subject of legal action, and has asked the states to avoid submitting any rules that are not suit- or deadline-related. In those cases that they are working on, regular support is provided to EPA staff assigned to this project, including retrieving documents from Archives and sending copies of materials to EPA.</p>
		12. Implement designated facility plans, NSPS, NESHAPS, MACTs, CTGs and RACT.	<p>a. MACT Standards that apply to sources in Utah are adopted through rulemaking and implemented through the Operating Permit process as they are developed and promulgated by EPA.</p> <p>STATUS: In November, 2013, the Air Quality Board proposed to adopt new NSPS and NESHAP standards for the oil and gas sector in both R307-214-3 and R307-210-2. We anticipate these proposals will be adopted by the Board in early 2014 and submitted to EPA for review/approval. MACT requirements are included in Title V permits as they are promulgated by EPA.</p>
			<p>b. NSPS standards that apply to sources in Utah are adopted through rulemaking and implemented through the permit process as they are developed and promulgated by EPA.</p> <p>STATUS: New and revised MACT and NSPS standards continue to be adopted in Utah and implemented through the permit process.</p>

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EPA Goal and Objective	EPA Measurement	DEQ Goal	DEQ Measure and Status
			<p>c. Rules implementing specific source RACT are developed and implemented as appropriate.</p> <p>STATUS: New and revised RACT requirements are implemented through the permit process as appropriate. Additionally, as the PM2.5 SIP is being developed, the State has developed more than 20 new RACT rules.</p>
			<p>d. RACT determinations included in the Ozone Maintenance Plan and PM10 SIP are reviewed and updated as appropriate.</p> <p>STATUS: The RACT requirements were last reviewed as the 8-Hour Ozone Plan was developed, during which RACT requirements for Hill were clarified, improved, and tied to the federal requirements such as MACT, etc. All other RACT determinations in the ozone plan were reviewed and retained or strengthened. That maintenance plan was submitted to EPA for review and comment, but no federal action has been taken on the plan. RACT requirements in the PM10 SIP are currently being reviewed and updated as part of the PM2.5 SIP development.</p>
			<p>e. UDAQ staff participates in EPA regional meetings and conference calls which will focus on sharing information and building state capacity to identify, characterize and address air toxics risks in Utah communities based on available resources.</p> <p>STATUS: DAQ staff have attend conferences and workshops and participated in EPA regional meetings and conference calls to help identify, characterize and address air toxics in Utah communities as funding permits.</p>
		13. Continue to submit monitoring data to EPA as required by EPA.	<p>a. Quality assured ambient air pollution data is submitted to AIRS no later than 90 days after each calendar quarter.</p> <p>STATUS: Quality assured ambient data were submitted to EPA's AQS within 90 days after each quarter.</p>
			<p>b. Data precision and accuracy assessments are submitted to AIRS no later than 90 days after each calendar quarter.</p> <p>STATUS: Quality-assured P&A data were submitted within 90 days following each quarter.</p>

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EPA Goal and Objective	EPA Measurement	DEQ Goal	DEQ Measure and Status
			c. The database is monitored on an ongoing basis for accuracy and completeness. <i>STATUS: The data base was monitored continuously for accuracy and completeness.</i>
			d. Data summary reports are printed for regulatory and public use as appropriate. <i>STATUS: Data summary reports were prepared and printed for Board, regulatory and public use.</i>
		14. Respond to questions from the public regarding air quality issues.	a. Ambient air quality data is provided to the AirNow Program. <i>STATUS: Ambient Air quality data was provided to the AirNow program.</i>
		15. Work with other state / federal / local agencies to reduce diesel emissions in Utah.	a. Continue implementing the Utah Clean Diesel Program and apply for additional funding through DERA. <i>STATUS: On-going. DAQ worked with stakeholders to identify potential projects for the Utah Clean Diesel program. DAQ has successfully acquired funds through DERA for the past several years and will continue to build on the success of the current program.</i>
		16. Reduce Air Toxics	a. MACT Standards that apply to sources in Utah are adopted through rulemaking and implemented through the Operating Permit process as they are developed and promulgated by EPA. <i>STATUS: MACT requirements are included in Title V permits as they are promulgated by EPA.</i>
			b. UDAQ staff participates in EPA regional meetings and conference calls which will focus on sharing information and building state capacity to identify, characterize and address air toxics risks in Utah communities based on available resources. <i>STATUS: DAQ staff have attend conferences and workshops and participated in EPA regional meetings and conference calls to help identify, characterize and address air toxics in Utah communities as funding permits.</i>

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EPA Goal and Objective	EPA Measurement	DEQ Goal	DEQ Measure and Status
			<p>c. The work to conduct community outreach and analysis concerning air toxics issues is completed based on UDAQ needs and available resources.</p> <p><i>STATUS: Community outreach and air toxics analysis was performed based on community needs.</i></p>
Reduce exposure to lead-based paint.	Reduce exposure to lead-based paint.	17. Protect public health and the environment through implementation of the Utah Lead-Based Paint Certification, Accreditation and Work Practices Program.	<p>a. The Utah Lead-Based Paint Grant Work Plan approved by EPA Region VIII will be the environmental measure of success for the Utah Lead-Based Paint Certification, Accreditation and Work Practices Program.</p> <p><i>STATUS: The Utah Lead-Based Paint Grant work program was completed and reported in a separate report.</i></p>
			<p>b. Support the EPA Strategic Plan goal to reduce the percentage of children with blood lead levels above 5 µg/dl to 1.0 percent or less where the baseline is 3.0 percent in the 2005–2008 sampling period.</p> <p><i>STATUS: The Utah Lead-Based Paint Program supported the EPA Strategic Plan goal to eliminate childhood lead poisoning by certifying individuals and firms conducting regulated work activities, performing inspections at structures where regulated abatement work activities were being performed, and performing inspections at renovation firms subject to the Lead-Based Paint Renovation, Repair and Painting rule requirements.</i></p>
			<p>c. Support the EPA Strategic Plan goal to reduce by 2014 the percent difference in the geometric mean blood lead level in low-income children 1-5 years old as compared to the geometric mean for non-low-income children 1-5 years old where the baseline is 23.4 percent difference in the 2005–2008 sampling period.</p> <p><i>STATUS: The Utah Lead-Based Paint Program supported the EPA Strategic Plan goal to reduce the childhood geometric mean blood level by certifying individuals and firms conducting regulated work activities, performing inspections at structures where regulated abatement work activities were being performed, and performing inspections at renovation firms subject to the Lead-Based Renovation, Repair and Painting rule requirements.</i></p>

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EPA's Portion of the PPA

1. EPA Region VIII will work with other affected EPA offices when appropriate to consider various approaches to addressing specific issues that impact Utah.
2. EPA Region VIII will participate in UDAQ Board Meetings when specific issues regarding the partnership between EPA Region VIII and UDAQ are part of the agenda and travel funds permit.

Items Related to UDAQ Planning Branch Activities

1. EPA Region VIII will work with UDAQ as necessary and appropriate when reviewing SIP submittals and initial designation requests as the NAAQS are revised to clarify issues and communicate actions that may affect Utah.
2. EPA Region VIII will work with EPA HQ when appropriate to help elevate issues to the national level that are uniquely western issues.
3. EPA Region VIII will give timely attention to any intermediate work products that are developed in the SIP process so as to provide UDAQ its feedback during project development rather than at the end.
4. EPA will make every effort to determine completeness and to take final action on regulatory actions submitted by Utah in accordance with statutory time frames considering existing resources.
5. EPA Region VIII and UDAQ will work together to prioritize existing SIP submittals and on identifying upcoming SIP revisions. EPA Region VIII will keep UDAQ informed on the status of actions.
6. EPA Region VIII and UDAQ will work together to pursue any feasible early action initiatives for PM_{2.5}.
7. Following review of the Federal Annual Air Quality Report, EPA Region VIII and UDAQ will work together to develop appropriate actions addressing each identified NAAQS violation for any criteria pollutant.

Items Related to UDAQ Permitting Branch Activities

1. EPA will provide review and comments as appropriate for the ITAs within the 30-day public comment period.

Items Related to UDAQ MACT Compliance and Enforcement Activities

EPA Region VIII, Office of Enforcement, Compliance and Environmental Justice and Utah Division of Air Quality will work to keep each other informed of important and potentially controversial activities involving regulated sources in Utah, including activities involving national and regional initiatives. EPA continues to implement PSD/NSR and MACT national initiatives in the refinery, coal-fired power plant, Portland cement, sulfuric and nitric acid and glass industry sectors; Energy Extraction, a national leak detection and repair (LDAR) and flare initiative; and a regional oil and gas industry sector initiative.

FY 2013 PPA END OF YEAR REPORT UDEQ DIVISION OF DRINKING WATER

IMPLEMENTATION

EPA Goal & Objective	EPA Measurement	DEQ Goal	DEQ Measure
<u>Strategic Target SDW-211:</u> Percent of the population served by community water systems (CWS) that receive drinking water that meets all applicable health-based drinking water standards through approaches including effective treatment and source water protection.	FY13 National/Regional Target = 91% UDEQ commits to the measures at the regional FY13 targets of the national measures. UDEQ will maintain its data in the national database, SDWIS-FED. This includes timely data entry, quality assurance, and data validation.	To meet or exceed the target measure of 91% and to upload accurate and timely data to SDWIS-Fed.	Annual enforcement review reveals improvement in violation timeliness and accuracy. Inventory, violation, and enforcement data is uploaded to SDWIS-Fed within 45 days after the end of each quarter. STATUS: 97.73% achieved
<u>Strategic Target SDW-SP1.N11:</u> Percent of CWS that meets all applicable health-based standards, through approaches that include effective treatment and source water protection.	FY13 National/Regional Target = 90% UDEQ commits to the measures at the regional FY12 targets of the national measures.	To meet or exceed the target measure of 90%.	STATUS: 94.88% achieved
<u>Strategic Target SDW-SP2:</u> Percent of “person months” (i.e., all persons served by CWS times 12 months) during which CWS provide drinking water that meets all applicable health-based drinking water standards.	FY13 National/Regional Target = 95% UDEQ commits to the measures at the regional FY13 targets of the national measures.	To meet or exceed the target measure of 95%.	STATUS: 95% achieved
<u>SDW-1a:</u> Percent of CWS that have undergone a sanitary survey within the past three years (five years for outstanding performers) as required under the Interim enhanced and Long-Term 1 Surface Water Treatment Rules.	FY13 Target for Delegated States = 90% UDEQ commits to the measures at the regional FY13 targets of the national measures.	To meet or exceed the target measure of 90%.	STATUS: 99% achieved

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EPA Goal & Objective	EPA Measurement	DEQ Goal	DEQ Measure
Arsenic, Lead and Copper	UDEQ will provide special interest arsenic and lead and copper information as periodically requested by the region on behalf of Headquarters. UDEQ will work to ensure that it is fully implementing the Lead and Copper Rule and the Arsenic Rule by providing Region 8 with semi-annual reports on the status of systems in Utah related to these two rules.	UDEQ will provide EPA with arsenic and lead/ copper implementation and/or enforcement information as necessary.	UDEQ has changed staff assigned to manage the rules. Both rules now current with implementation requirements. STATUS: Requested information provided
Sanitary Surveys	UDEQ commits to providing the Subpart H System Sanitary Survey Annual Evaluations to Region 8 Drinking Water Program by February 15, 2013 for the prior year. UDEQ will provide EPA with an annual evaluation of its program conducting these Sanitary Surveys. (40 CFR 142.15(c)(5))	UDEQ will submit to EPA an evaluation of sanitary surveys conducted at Subpart H systems by 02/15/13.	STATUS: Evaluation submitted by 2/15/2013. 99% achieved
Data management system capable of supporting its day-to-day activities and fulfilling federal reporting requirements.	<p>UDEQ must make plans to convert to the Exchange Network data flow by the end of CY2012. The data flow is available at: http://www.exchangenetwork.net/safe-drinking-water-sdwis-flow-implementation-guide/</p> <p>Milestones commitments may be appropriate i.e.:</p> <ul style="list-style-type: none"> • Commit to begin submitting information to CDX in XML format using either an Exchange Network Node, a Node Client by the end or the EN Services Center when it is available, by the end of CY2012; <p>Note, reporting SDWIS data using the Exchange Network (i.e., operations/ maintenance) is an eligible activity for funding under categorical program grants.</p>	UDEQ transfers data in XML format directly to CDX, bypassing the State node. UDEQ has had technical issues with the State node and their IT department. Access to the exchange network has proven to be difficult to obtain for EPA staff.	<p>Additional data reported in order to reduce the number of ETT systems due to the lag time for data.</p> <p>STATUS: Data reported</p>

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EPA Goal & Objective	EPA Measurement	DEQ Goal	DEQ Measure
States are scheduled for data verification audits about every three years.	States slated to have a data verification (DV) audit in FY13 have not been identified. Selected States agree to cooperate with the DV process. Any outstanding issues from the last data verification will be addressed.	UDEQ will cooperate with the DV process if selected.	Cooperation with DV process.
During FY12/13, State will partner with EPA to implement UCMR 3.	State will enter PA outlining partnership roles.	TBD by PA.	Agreed to duties STATUS: Accomplished.

ENFORCEMENT

EPA Goal & Objective	EPA Measurement	DEQ Goal	DEQ Measure
Goal 5.I Enforcing Environmental Law (Filter/GUI)	<p>UDEQ provides to EPA by 11/15/12:</p> <p>a) a list of all systems that are required to filter under the SWTR, but are not yet filtering. Additionally, report those violations to SDWIS-Fed. For those still on compliance schedules, provide the schedule from the enforcement document. If any systems are not under compliance schedules, for each system provide a rationale and the proposed state action and time frame for securing an enforceable compliance schedule.</p> <p>b) a description of any additional actions and the time frames for completing assessments of groundwater under the influence of surface water (GUI), and the systems for which such assessments need to be completed.</p>	<p>Maintain an accurate list of unfiltered SW/GUI PWSs and a schedule for compliance or and of actions, with timeframes, required for completion or initial GUI assessments.</p> <p>Provide a report to EPA by 11/15/12.</p> <p>Upload all failure to filter violations to SDWIS.</p>	<p>Accuracy of list of SW/GUI unfiltered systems.</p> <p>Completion of GUI assessments. STATUS: Report provided to EPA by 11/15/12.</p> <p>All current failure to filter violations uploaded to SDWIS by the end of FY2013 and future violations uploaded when they occur.</p> <p>STATUS: DDW reorganized the staff dealing with UDI into a team which will meet regularly. An extensive data search has been completed. All historic UDI issues have been catalogued and the systematically addressed.</p>

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EPA Goal & Objective	EPA Measurement	DEQ Goal	DEQ Measure
Goal 5.1 Enforcing Environmental Law (ETT)	<p>a) UDEQ annotates the quarterly ETT list created by the ERP and returns a complete annotated list to EPA within 30 days of receipt. The annotations include the State actions planned for each identified priority ETT system, the projected time frame for such actions, and other relevant information that helps EPA evaluate candidates for federal enforcement.</p> <p>b) UDEQ addresses all priority ETT systems through formal enforcement or appropriate return to compliance within 6 months of their being identified as priorities, with the goal of taking action before systems reach priority status. EPA will take federal enforcement action, as resources allow, if UDEQ does not plan to timely address a priority water system appearing on an ETT list, if UDEQ does not meet its previous commitments to take an enforcement action, or for cases in which PWSs would have been a priority ETT's system if all violations had been uploaded to SDWIS-Fed.</p>	<p>Timely annotate the quarterly ETT list for priority systems.</p> <p>Timely address all priority ETT systems.</p>	<p>STATUS: Annotations are complete and timely.</p> <p>STATUS: Priority ETT systems addressed within 6 months of identification or EPA updated with the non-enforcement intent.</p>
Goal 5.1 Enforcing Environmental Law (Oversight)	<p>UDEQ tracks the compliance of systems that are under UDEQ enforcement and escalates enforcement when a PWS violates an existing formal enforcement action.</p> <p><i>UDEQ will include all violations in Bilateral Compliance Agreements and other formal enforcement actions.</i></p> <p><i>UDEQ will ensure that timely violation letters are sent to PWSs for each violation incurred.</i></p>	<p>Track compliance of system under UDEQ formal enforcement and take action if a PWS violates its terms.</p> <p><i>Include all violations in formal enforcement actions.</i></p> <p><i>Timely issue violation letters to PWSs for each violation incurred.</i></p>	<p>Enforcement actions tracked and follow-up action taken as necessary</p> <p>STATUS: UDEQ does include all violations in each system's enforcement action. EPA's review of enforcement actions reveal that all violations are contained in UDEQ formal enforcement actions. Rule managers are expected to calculate compliance and send violation letters within 30 days of the end of the compliance period. File reviews by EPA or its contractor detect very few late or absent violation letters.</p>

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EPA Goal & Objective	EPA Measurement	DEQ Goal	DEQ Measure
	UDEQ continues to provide access to State PWS files & data for EPA's on-site enforcement review.	Allow EPA access to UDEQ PWS files and data.	STATUS: Continue to provide data access to EPA for review.
	UDEQ agrees that EPA will use the Uniform Enforcement Oversight System (UEOS) for evaluating the State's enforcement performance.	UEOS evaluation by EPA accepted.	STATUS: Continue to provide EPA with data necessary to complete the UEOS.
Goal 5.1 Enforcing Environmental Law (New rules)	Region 8 does not foresee any new rules for which states do not have primacy in FY2013, which may necessitate federal enforcement actions. However, if the situation exists in which a state does not have primary enforcement authority for any rule, UDEQ will cooperate with EPA in identifying water systems and violations for which EPA may need to issue enforcement actions.	If there are violations of any rule that UDEQ does not have primacy for UDEQ will share information regarding these violations with EPA.	STATUS: n/a this FY

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UDEQ DIVISION OF ENVIRONMENTAL RESPONSE AND REMEDIATION – CERLCA PROGRAM

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
<p>Goal 3: Cleaning Up Communities and Advancing Sustainable Development</p> <p>Objectives 3.1 and 3.3 Promote Sustainable and Livable Communities; Restore Land</p>	Clean up Contaminated Land	I. Maintain a partnership between Utah and EPA while implementing the Superfund program in Utah.	a. Participate in the Region 8 State Superfund managers conferences, when conducted. STATUS: DERR participated in the Region 8 Superfund managers meeting held in December 2012.
			b. Encourage and participate in regular coordination meetings with Region 8 remedial program managers, at least every 2 months, to coordinate activities and discuss pertinent issues. STATUS: DERR and EPA Superfund managers held monthly coordination calls to discuss program and site specific issues.
			c. Participate in regular conference calls between directors of the State and EPA programs, as needed, to coordinate activities and discuss pertinent issues. STATUS: Monthly calls between program directors were not held on a regular basis, but were held as needed.
			d. Jointly organize and attend the annual retreat between EPA and the State, when conducted. STATUS: No retreat was conducted during Federal Fiscal Year 2013.
		II. Continue to evaluate the groundwater solvent contamination problem in the Salt Lake City area and discuss potential solutions to the problems that are identified.	a. Continue to gather information on known groundwater solvent contamination problems in Utah and update site files as needed. STATUS: DERR continued to gather and assess information on groundwater solvent contamination problems in Utah. DERR and EPA Site Assessment managers coordinated with each other throughout the year, as necessary, to review the status of such sites. EPA updated the CERCLIS database, as necessary, and DERR also kept State files up-to-date.
			b. Identify the best ways to address the problems that are identified. STATUS: Solutions are identified on a site-by-site basis and in consultation between DERR and EPA Region 8 staff.

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
		III. Apply the Operating Principles in all work activities.	a. Discuss the Operating Principles frequently during coordination meetings. STATUS: The Operating Principles were addressed during DERR/EPA coordination meetings in the context of project planning and implementation.
			b. Ensure all communications are consistent with the Operating Principles. STATUS: DERR regularly conducted all communications consistent with the Operating Principles.
		IV. Coordinate proposal of Utah sites to the NPL.	a. Regularly discuss the status of sites that are under consideration for inclusion on the NPL. STATUS: DERR and EPA Region 8 staff regularly discussed sites under consideration for the NPL.
			b. Evaluate potential NPL sites during coordination meetings. STATUS: Site-specific discussions were held, as needed, as DERR and EPA coordinated NPL pre-listing activities.
	Assess and Cleanup Brownfields; Clean up Contaminated Land	V. Encourage redevelopment of Superfund and Brownfields sites in Utah.	c. Ensure thorough and comprehensive communication between the agencies for all sites that are under consideration for inclusion on the NPL. STATUS: Communications regarding sites under consideration for the NPL were often thorough and comprehensive. This was especially true during the lead-up to the final rulemaking for placement of the 1600 East 700 South PCE Plume site on the NPL in May 2013.
			a. Encourage communities in Utah to participate in the Brownfields program; conduct Targeted Brownfields Assessments as requested by interested and eligible communities; issue letters of support to communities applying for Assessment, Revolving Loan Fund and Cleanup Grants; provide technical assistance to public and private stakeholders relative to Brownfields redevelopment; and maintain a complete public record of Brownfields/VCP sites with easy access to information.

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
			<p>STATUS: DERR conducted outreach activities directly to local governments in order to inform them of resources and services available to assist with Brownfields assessment, cleanup and redevelopment. Outreach was completed in part through the semi-annual DERR Brownfields newsletter, three Brownfields redevelopment workshops, individual meetings with several communities and a presentation at the League of Cities and Towns annual conference. The DERR provided technical assistance to public and private stakeholders, conducted pre-application meetings to inform parties of the Voluntary Cleanup Program (VCP) and Enforceable Written Assurance (EWA) process and maintained a complete public record, with project information available through the DERR's web page and Interactive Map. No Utah communities applied for EPA Brownfields grants in FY 2013.</p>
			<p>b. Participate in quarterly Region 8 Brownfields Team teleconferences and meetings, and attend the National and Western Regional Brownfields Conferences, as budgets allow.</p> <p>STATUS: The DERR participated in quarterly Region 8 Brownfields team calls. The DERR attended the National Brownfields Conference. The Western Brownfields Conference was not offered in FY 2013.</p>
			<p>c. Issue Enforceable Written Assurances to qualified applicants.</p> <p>STATUS: The DERR received six EWA applications and issued four EWAs.</p>
	Cleanup Contaminated Land	VI. Enhance the Utah superfund Program, improve the State's and EPA's ability to conduct Superfund activities in Utah, and complete the EPA required accomplishments for FY2013.	<p>a. Prepare and submit funding applications and subsequent cooperative agreements for enhancement of the State Response Program.</p> <p>STATUS: The DERR continued to receive funding under the Superfund Block Cooperative Agreement for Management Assistance, Superfund Core and Site Assessment Activities. Cooperative agreement</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
			<p>applications for State-lead Superfund projects were submitted, as needed, to support site-specific activities. The DERR also submitted a request in 2013 for State and Tribal Response Program 128(a) funding through September 2014. Required reports were submitted to EPA for cooperative agreement funding.</p>
			<p>b. Continue to develop and enhance the Utah Voluntary Cleanup Program and other State Response Programs. STATUS: The DERR continued to develop and enhance the VCP and other components of its State and Tribal Response Program using Section 128(a) funding. All activities were consistent with the State and Tribal Response Program Workplan and documented in semi-annual reports submitted to EPA. The DERR issued three Certificates of Completion under the VCP and initiated assessment and cleanup work at several other sites.</p>
			<p>c. Jointly develop and work to achieve the FY2013 Superfund Remedial Planned Accomplishments. STATUS: DERR and EPA Region 8 staff worked closely to achieve the planned accomplishments for the federal fiscal year.</p>

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UDEQ DIVISION OF RADIATION CONTROL – STATE INDOOR RADON GRANT**

EPA Goal and Objective	EPA Measurement	DEQ Goal	DEQ Measure and Status
Goal 1: Improve Air Quality	Reduce Exposure to Indoor Air Pollution	Continue the fundamental activities regarding the EPA Radon Grant. Note: Activities are contingent on EPA SIRG funding.	1. Promote new home construction with radon resistant technology.
			a. Promote and distribute information about radon resistant building technology to builders throughout the state. Display radon information and distribute discounted test kit coupons at the following exhibitor booths: 2012 Fall Home Show at the South Towne Convention Center and the 2013 Spring Home Builders Annual Conference. STATUS: Accomplished: The Division of Radiation Control (DRC) educated builders and the public (approx. 2,000 people) about radon resistant new construction (RRNC) by exhibiting information and distributing \$7 test kit coupons at the following “no-charge” public events: (1) Utah Health Department Radon Symposium, (2) Kid’s Think Safety Fair, (3) University of Utah Be Healthy Utah Fair, (4) Huntsman Cancer Awareness Expo (Note: DRC chose not to participate in costly home shows this year due to low funds.)
			b. Conduct at least three educational training courses entitled, “Radon Resistant New Construction.” The course will offer continuing education core credits by the Utah Department of Commerce, Division of Occupation and Professional Licensing (DOPL) and will be held throughout various areas of the state. STATUS: Accomplished. RRNC classes were taught to builders in Wasatch County and Davis County.
			c. Promote Radon Resistant New Construction by reaching out to Utah home builders through personal contacts, educational courses, advertising, and home show exhibits. STATUS: Accomplished. DRC worked with Richmond American and D.R. Horton builders.

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EPA Goal and Objective	EPA Measurement	DEQ Goal	DEQ Measure and Status
			<p>d. Assist Utah Habitat for Humanity in its building projects by providing RRNC training.</p> <p>STATUS: Accomplished. DRC provided support to Habitat for Humanity regarding its UCAN radon grant.</p>
			<p>e. Recognize and acknowledge home builders who are building RRNC homes in Utah via the DRC website, public events, and/or at Radiation Control Board meetings.</p> <p>STATUS: Accomplished. DRC added a Doug Kladder RRNC educational video to its website for builders to view and to promote certification. DRC's Radiation Control Board recognized five community leaders for their efforts to promote radon and RRNC: Utah Housing Corporation; Beaver City Radon Committee; Tooele County Health Department; Lung-Cancer Survivor; and Huntsman Cancer Institute.</p>
			<p>f. Respond to opportunities provided by national radon organizations such as the American Association of Radon Scientists and Technologists (AARST) and the Conference for Radiation Control Program Directors (CRCPD) to attend national radon meetings and submit comments on radon standards (RRNC 2.0).</p> <p>STATUS: Accomplished: DRC participated and presented at the 2013 National Radon Conference sponsored by CRCPD and AARST, Sept 22-25.</p>
			<p>2. Support disclosure, testing and mitigation in conjunction with Real Estate transfers.</p>
			<p>a. Conduct at least three educational training courses entitled, "Radon for the Real Estate Professional." The courses will offer continuing education core credits by the Utah Department of Commerce, Division of Real Estate (DRE) and will be held throughout various areas of the state.</p> <p>STATUS: Accomplished. DRC instructed twelve educational training courses (approx. 400 realtors).</p>

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EPA Goal and Objective	EPA Measurement	DEQ Goal	DEQ Measure and Status
			<p>b. Coordinate annual meetings for radon mitigators, measurement providers, and home inspectors to clarify EPA standards and protocols.</p>
			<p>STATUS: DRC held its Annual Radon Professionals Meeting. Approx. 40 professionals attended, including home inspectors.</p>
			<p>c. Recognize and acknowledge Realtors who are radon educated on the DRC website.</p>
			<p>STATUS: Accomplished. Approximately 200 radon educated Realtors were added to DRC's website.</p>
			<p>3. Develop coalitions with local governments, partner affiliates and other radon risk reduction leaders.</p>
			<p>a. Continue working with Utah's 12 local Health Districts in promoting public outreach. Encourage area outreach activities such as disseminating information packets on radon, distributing radon test kit coupons, and conducting radon educational presentations, and testing radon levels in schools.</p>
			<p>STATUS: Accomplished. DRC has worked closely with 12 Local Health Districts to promote outreach through the following media: Health fairs, Radon Poster Contest, radio/TV stories and talk shows, and school testing,</p>
			<p>b. Continue working with the Huntsman Cancer Institute in raising awareness in the state. Outreach activities will include attending the 2013 University Health Care Be Well Utah Family Health Fair.</p>
			<p>STATUS: Accomplished. DRC has worked closely with the Huntsman Cancer Institute (Dr. Akerley), participated in the Huntsman Cancer Expo, and 2013 University Health Care Be Well Utah Family Fair.</p>
			<p>c. Conduct outreach activities with the Utah Department of Health, Utah Cancer Action Network (UCAN), CanSAR, and the American Lung Association to promote radon awareness, radon testing, and mitigation.</p>

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EPA Goal and Objective	EPA Measurement	DEQ Goal	DEQ Measure and Status
			<p>STATUS: Accomplished. DRC was actively involved with the state's cancer control plan, co-chaired the UCAN cancer prevention committee and a member of the executive committee. DRC held the 2013 Capitol Steps to Radon Action on Jan. 23, 2013 to promote radon awareness and testing.</p> <p>d. Provide assistance when requested by tribal organizations throughout Utah (specifically, the Piute tribe and the Shoshone tribe).</p> <p>STATUS: No additional information.</p> <p>e. Continue partnership with Intermountain Health Care (IHC) system by supplying hospitals with newborn radon packet information, which started December 2003 (FY04)</p> <p>STATUS: Accomplished. Approx. 3,000 free new-baby radon test kit coupons were disseminated and 375 radon test kits were requested and mailed out.</p> <p>f. Develop coalition with the Green and Healthy Homes Initiative (GHHI) Salt Lake Coalition to do radon testing in schools throughout Salt Lake County.</p> <p>STATUS: Accomplished. Two coalitions were created by radon advocates: The Utah Radon Coalition and the Utah Radon Policy coalition were created to promote radon awareness and testing in conjunction with new radon legislation passed this year (Concurrent Resolution on Radon).</p> <p>g. Provide radon education to the public through the National Radon Poster Contest, National Radon Action Month activities, DRC website, press releases, media appearances and advertisements, Governor's Declaration, school science projects, and scout eagle projects.</p> <p>STATUS: Accomplished. DRC participated in the 2014 National Radon Poster Contest and collected over 300</p>

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EPA Goal and Objective	EPA Measurement	DEQ Goal	DEQ Measure and Status
			<p>posters. Last year poster winners were honored during the NRAM by the Governor, he also signed a Declaration for Radon Action Month. DRC participated in teaching a science class about radon and facilitated eagle scout projects.</p> <p>h. Promote state radon legislation as opportunities arise.</p> <p>STATUS: Accomplished. The 2013 Legislative Session passed the Concurrent Resolution on Radon Gas making January 2014 Radon Action Month and encouraging everyone to promote radon testing and mitigation in homes, schools, and buildings.</p> <p>4. Determine (track) and measure results with respect to awareness levels, testing frequency, mitigation, and radon resistant new construction.</p> <p>a. Continue to track local and national media articles about radon and the health hazard associated with exposure to elevated levels.</p> <p>STATUS: Accomplished.</p> <p>b. Continue to track educational opportunities to reach out to the general public, real estate professional, and homebuilders (see measures 1-2).</p> <p>STATUS: Accomplished. Number of people reached through education opportunities was over 5,000.</p> <p>c. Continue to track phone calls, visits on the DEQ Radon website (www.radon.utah.gov), and email inquiries.</p> <p>STATUS: Accomplished. Number of phone calls received was approx. 2,500, number of emails was approx. 550, and number of website hits was 30,460.</p> <p>d. Continue to track and report the number of homes tested for radon by currently listed radon measurement service providers, mitigation providers, and laboratories.</p> <p>STATUS: Accomplished. Number of home tested was approximately 7,418.</p>

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EPA Goal and Objective	EPA Measurement	DEQ Goal	DEQ Measure and Status
			<p>e. Continue to track and provide annual reports of the number of homes built with RRNC, based on information provided by local home builders.</p> <p>STATUS: Accomplished. Number of homes built with RRNC was approx. 475.</p>
			<p>f. Continue to track free radon test kit orders that come through the IHC newborn radon packets.</p> <p>STATUS: Accomplished. Approx. 375 test kits were analyzed through the IHC newborn radon program.</p>
			<p>g. Continue to track the number of homes mitigated quarterly by radon mitigation service providers.</p> <p>STATUS: Accomplished. Number of homes mitigated was approx. 1,256.</p>
			<p>5. Testing and, where necessary, mitigating schools for radon and radon decay progeny.</p>
			<p>a. Educate School District Administrators about the health hazard associated with exposure to radon and promote radon testing in schools.</p> <p>STATUS: Accomplished. DRC mailed out 300 notices to all the schools throughout the state about the 2014 National Radon Poster Contest. Over 24 schools were visited to teach students, teachers, and administrators about radon.</p>
			<p>b. Provide discounted radon test kits to school districts for testing, as requested.</p> <p>STATUS: Accomplished. Several Local Health Departments have contacted schools about testing and have requested help from DRC.</p>
			<p>c. Continue assisting school districts with education and radon testing programs.</p> <p>STATUS: Accomplished.</p>

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EPA Goal and Objective	EPA Measurement	DEQ Goal	DEQ Measure and Status
			d. Solicit school districts to participate in National sponsored “Radon in Schools” Webinars. STATUS: No information.

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UDEQ DIVISION OF SOLID AND HAZARDOUS WASTE

I. ENVIRONMENT

Mission- Protect human health and the environment by promoting pollution prevention (P2) and ensuring safe waste management through the proper handling, transportation, recycling, treatment, storage and disposal of solid and hazardous wastes, used oil, and waste tires.

EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
GOAL 3: Cleaning up Communities and Advancing Sustainable Development.	Objective 4.2: Promote Pollution Prevention.	By 2015, reduce 15 billion pounds of hazardous materials cumulatively through pollution prevention.	Waste Minimization – Implement and support waste minimization and pollution prevention.	<p>a. Identify and evaluate supplemental environmental projects that are a part of a compliance action to determine their contribution to waste minimization and pollution prevention. Supplemental environmental projects contributing to waste minimization/pollution prevention will be reported to EPA.</p> <p>i. Conduct on-site visits to SQGs to provide updated information on waste minimization programs and opportunities as well as compliance assistance.</p> <p>STATUS: No SEPS regarding Waste minimization or pollution prevention this fiscal year. The Division completed 57 site visits, and provided information and compliance assistance at each visit.</p>
				<p>b. Continue Division pollution prevention policy implementation. Provide pollution prevention information and technical assistance to staff and businesses that generate hazardous waste.</p> <p>STATUS: The Division continued its commitment to a high level of activity for Pollution Prevention and Hazardous Waste Minimization, particularly with its programs for recycling waste tires, mercury switches, electronic waste and used oil. In the areas of Safe Waste Management and Corrective Action, the Division continued to make progress toward national program goals.</p>
				<p>c. Continue working with EPA hazardous waste minimization programs to assure that P2</p>

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EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
				<p>resources are leveraged as appropriate to meet common goals. EPA and the Division will look for opportunities to reflect how state actions support national goals. Review, comment on, and utilize state hazardous waste generation profiles prepared by EPA to increase waste minimization and P2 efforts and successes and to meet other specific state needs. Identify opportunities to link waste minimization efforts to reductions in EPA's priority chemicals in RCRA waste streams generated within the state.</p> <p>STATUS: The Division provided oversight of the Southern Utah Recycling Coalition grant. The Division accompanied EPA on inspections of priority chemicals and national initiatives.</p>
				<p>d. Administer an effective used oil recycling program.</p> <p>i. Track and evaluate the amount of used oil collected for recycling, particularly used oil collected from Do-it-yourselfers (DIYers).</p> <p>STATUS: 326,212 gallons DIYer used oil were collected in FY13 and 11,283,490 total gallons were collected between 1/1/12 and 12/31/12.</p> <p>ii. Review and process semiannual DIYer reimbursements within established timeframes.</p> <p>STATUS: All reimbursements were processed in the established timeframes</p> <p>iii. Support and help to maintain a sufficient number DIYer collection centers to make it convenient for the public to recycle their used oil.</p> <p>STATUS: 406 used oil collection centers are currently operating in Utah.</p> <p>iv. Provide current listing of collection centers via the Division Web site.</p>

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EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
				<p>STATUS: Web pages for Used Oil are updated on a regular basis.</p> <p>v. Document the number of new collection centers established during the fiscal year.</p> <p>STATUS: 16 new collection centers were established from 7/11/12 to 5/7/13</p> <p>vi. Maintain an effective Used Oil Block Grant Program to promote the recycling of used oil.</p> <p>A. Document the amount of funds awarded.</p> <p>STATUS: \$5,612.74 awarded</p>
				<p>e. Other recycling programs</p> <p>i. Participate in EPA Region 8's Western Region Electronics Stewardship Steering Committee activities.</p> <p>STATUS: Steering Committee no longer active.</p> <p>ii. Continue to compile program information on recycling activities of cities and counties in Utah.</p> <p>STATUS: No regulatory mechanism to collect the data.</p> <p>iii. Continue membership and participation in the Product Stewardship Institute conference calls and meeting as budget allows.</p> <p>STATUS: Budget does not allow for membership.</p>

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EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
				<p>f. Identify and evaluate supplemental environmental projects that are a part of a compliance action to determine their contribution to waste minimization and pollution prevention. Supplemental environmental projects contributing to waste minimization/pollution prevention will be reported to EPA.</p> <p>STATUS: SEP for Western Petroleum for implementation of electronic used oil training program and electronic monitoring for tanks.</p>
GOAL 3: Cleaning up Communities and Advancing Sustainable Development	Objective 3.2: Preserve Land. Conserve resources and prevent land contamination by reducing waste generation, increasing recycling, and ensuring proper management of waste and petroleum products.	Minimize Releases of Hazardous Waste and Petroleum Products	Permits, Closure, and Post-Closure-	<p>a. Maintain effective hazardous waste permitting and closure/post closure programs.</p> <p>STATUS: The Division maintains an effective permitting and closure/post closure program by having an experienced and qualified staff completing the required work assignments.</p>
				<p>b. Maintain accurate information of the hazardous waste universe and status of hazardous waste facilities subject to closure requirements, post-closure permits, and operating permits. Provide the preceding information through automated data systems (RCRAInfo) for all required data elements by the 20th of the month following the activity.</p> <p>STATUS: Information is entered as required.</p>
				<p>c. Provide appropriate hazardous waste closure/post-closure and permit response as dictated by case-by-case specifics, regulatory/statutory requirements, permit conditions, and program priorities. Appropriate responses may include, but are not limited to; closure plan approvals (RCRAInfo data element CL360), closure verifications (CL380), final post-closure permit determinations/issuances (PC200),</p>

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EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
				<p>and final operating permit determinations (OP200). Permit modifications (PC240) are as equally important as the preceding activities because they generally reflect upgrading or updating permit conditions resulting in operational improvements for permitted TSDFs in managing hazardous waste.</p> <p>STATUS: The Division completed 35 class 1 permit modifications, four class 2 permit modifications, two class 3 permit modifications and two temporary authorizations. The Division issued 36 emergency permits. The Division committed to completing 16 closure verifications for CAMDS and accomplished 43 closure verifications. The Division committed to completing one permit renewal and accomplished that with the renewal of Utah Test and Training Range Treatment, Storage and Post-Closure Permit. The Division also approved a risk-based closure of the Land Treatment Area at the Big West Oil Refinery. The Land Treatment Area had previously been under a Post-Closure Permit.</p>
				<p>d. Conduct periodic analysis of effectiveness of hazardous waste facility closure/post-closure and permitting activities utilizing program tracking information and conducting briefings with staff for ongoing coordination. This will help to identify areas of progress and areas of concern. Updates to future strategies for accomplishing such activities will be made, as necessary, as part of the FY 2013 planning process.</p> <p>STATUS: Periodic analyses were conducted as needed.</p>
GOAL 3: Cleaning up Communities and Advancing	Objective 3.2: Preserve Land. Conserve	Restore Land. Prepare for and respond to accidental	Corrective Action-	<p>a. Maintain effective hazardous waste corrective action program, including stabilization of environmental releases and cleanup of</p>

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UDEQ DIVISION OF SOLID AND HAZARDOUS WASTE

EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
Sustainable Development.	resources and prevent land contamination by reducing waste generation, increasing recycling, and ensuring proper management of waste and petroleum products.	or intentional releases of contaminants and clean up and restore polluted sites.		contaminated waste sites. STATUS: The Division maintains an effective hazardous waste corrective action program with a trained staff of scientists and engineers.
				b. Maintain and update, as necessary, facility specific corrective action information (universe identification and status) for hazardous waste facilities subject to corrective action, including site assessment, stabilization (accounting for health and environmental risk control measures), and regular corrective action process activities through staff interaction, correspondence and/or automated data systems (RCRAInfo). For RCRAInfo, all required data elements will be entered by the 20th of the month following the activity STATUS: Information is entered as required.
				c. Provide appropriate hazardous waste corrective action response as dictated by case-by-case specifics, regulatory/statutory requirements, permit conditions, or program priorities. Emphasis is on high priority facilities. Appropriate measures may include initial assessment of all TSDs in the corrective action universe including assessment completed (CA050), determination of the need for an RFI (CA070), and CA universe ranking (CA075)), RFI imposed (CA100), RFI approved (CA200), remedy selection (CA400), CMI construction completed (CA550), and corrective action process completed (CA999/RE). STATUS: The Division accomplished four RFI Approvals (CA200), four Remedy Selections (CA400), four Construction Completions (CA550), and four Corrective Action Completions (CA999). In addition to the above, the Division completed six RFI Work Plan Approvals (CA150) and two CMI Work Plan Approvals (CA500).

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EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
				<p>d. Provide appropriate stabilization response as dictated by case-by-case specifics, regulatory/statutory requirements, permit conditions, or program priorities. Emphasis is on high priority facilities. Appropriate measures may include stabilization measures evaluation (CA225), stabilization imposed (CA600), stabilization construction completed (CA650), and stabilization process complete (CA999/ST)</p> <p>STATUS: The Division accomplished four Stabilization Measures Imposed (CA600) and two Stabilization Construction Completed (CA650).</p>
				<p>e. Conduct periodic analysis of the effectiveness of hazardous waste corrective action activities and update, as necessary, future strategies for accomplishing such activities as part of the FY 2014 planning process. This analysis may include the following environmental indicators: the number and percentage of handlers subject to corrective action with (1) human exposures under control (CA725), and with (2) migration of contaminated groundwater under control (CA750). The Division will prepare, complete, and submit to EPA Region 8 appropriate documentation of accomplishments of the above indicators</p> <p>.STATUS: The Division accomplished a Human Exposures Under Control (CA725) at the Ninigret Facility</p>
				<p>f. In coordination with EPA Region 8, continue to evaluate annually and amend, as necessary, the facility-by-facility multi-year plan for corrective action activities</p> <p>STATUS: The Division met with EPA Region 8 corrective action staff during the mid-year evaluations and sites were amended as necessary, (e.g., CA750 switched with a CA725).</p>

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EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
GOAL 5: Enforcing Environmental Laws.	Objective 5.1 Enforce Environmental Laws.	By 2015, conduct 105,000 federal inspections and evaluations (5-year cumulative).	Compliance and Enforcement- Evaluate compliance status of solid waste, hazardous waste, and used oil handlers and facilities and foster an ongoing commitment to compliance and environmental protection through on-site inspections and compliance assistance activities.	a. Update hazardous waste inspection universe and develop inspection schedule for FY 2013 by September 30, 2012. The selected universe and schedule will incorporate, as appropriate, state, regional, and national priorities. The selected schedule will also include 20% of the large quantity generator (LQG) universe as determined and agreed to by the Division and EPA using RCRAInfo as of September 1, 2012. The Region will develop its FY2013 Inspection schedule and submit to the Division by October 30, 2012. STATUS: Inspection schedule was developed as required.
	Region 8 will continue to support the multimedia Energy Extraction initiative and Regional health care sector initiative. EPA will coordinate with UDEQ prior to commencing any activities related to these initiatives.			b. Complete targeted inspections by September 30, 2013. STATUS: Required inspections were completed.
				c. Participate in joint state and federal industry sectors initiatives. STATUS: Division Staff accompanied EPA on inspections identified by federal sector initiatives.
				d. Continue implementation of the small quantity generator compliance assistance program in FY 2013. STATUS: Fifty-seven compliance assistance visits were conducted.
				e. Provide facility specific compliance and enforcement information through the proper and timely entering of program data into automated data systems (RCRAInfo). STATUS: Information is entered as required.
				f. Conduct periodic analysis of effectiveness of evaluation activities. This will consist of staff and/or facility contact and data systems reports to note areas of progress and areas of concern. STATUS: Reviews conducted as required.

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EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
				<p>g. Consider economic factors in determining penalties for violations.</p> <p>i. Use EPA economic computer models to assist in evaluation.</p> <p>ii. Use maximum flexibility when negotiating consent agreements to include consideration of financial viability of regulated party.</p> <p>STATUS: Economic factors were used in determining penalties. EPA models and flexibility were used where appropriate.</p>
				<p>g. Continue coordination of EPA Region 8's implementation of the CERCLA Offsite Rule (OSR). A regional implementation policy has been established and will serve as the basis for the Region's implementation of the OSR</p> <p>STATUS: Division coordinated with Region 8 as required.</p>
				<p>i. EPA has identified Financial Assurance through the National Program Management Guidance as a priority for FY2013. Coordinate with the Region on financial assurance as appropriate. Should the Region or Headquarters identify a RCRA entity operating in several states with financial assurance compliance issues, EPA reserves the right to pursue compliance or enforcement activities with the identified operator in accordance with the Utah/EPA Enforcement Agreement.</p> <p>STATUS: Division coordinated with EPA Region 8 and regularly participated in national financial assurance calls. The Division also participated in webinars on Quality Standards for Environmental Data Collection and EPA's proposed Quality Standards/ New Lab Competency Policy.</p>

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EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
GOAL 3: Cleaning up Communities and Advancing Sustainable Development.	Objective 3.2: Preserve Land. Conserve resources and prevent land contamination by reducing waste generation, increasing recycling, and ensuring proper management of waste and petroleum products.		Environmental Justice- The Division recognizes that incorporation of environmental justice into the RCRA regulatory program is a priority for EPA Region 8. Upon request, EPA will provide the Division access to Geographic Information System (GIS) environmental justice tools; provide information to the Division on environmental justice grants; and share information about any available environmental justice resources. The Division may utilize EPA staff and GIS resources, as appropriate, in the implementation of the State hazardous waste program.	<p>a. Incorporate, as appropriate, environmental justice information in the administration of the hazardous waste program.</p> <p>STATUS: Division considered environmental justice.</p>
				<p>1. Develop statutory and regulatory authorities to qualify for continued program authorization.</p> <p>STATUS: The Division completed rule making process and addressed EPA concerns for Addendum 13 and 14. The addendums have been submitted to EPA for approval.</p> <p>2. Adopt new hazardous waste, solid waste, and used oil rules promulgated by EPA to maintain regulatory equivalency and program authorization.</p> <p>STATUS: The Division is preparing Addendum 15 for submittal to EPA Region 8 for review.</p> <p>3. Identify new federal hazardous waste rules promulgated during cluster period ending June 30, 2011 and which require adoption by the Solid and Hazardous Waste Control Board.</p>
GOAL 3: Cleaning up Communities and Advancing Sustainable Development.	Objective 3.1: Promote Sustainable and Livable Communities. Support sustainable, resilient, and livable communities by working with local, state, tribal, and federal partners to	Promote sustainable communities	State-Based Regulation of Environmental Programs-	

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EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
	promote smart growth, emergency preparedness and recovery planning, Brownfield redevelopment, and the equitable distribution of environmental benefits.			STATUS: All actions required by the Board have been taken.
GOAL 3: Cleaning up Communities and Advancing Sustainable Development.	Objective 3.1: Promote Sustainable and Livable Communities. Support sustainable, resilient, and livable communities by working with local, state, tribal, and federal partners to promote smart growth, emergency preparedness and recovery planning, Brownfield redevelopment, and the	Promote sustainable communities	Partnership with Federal, State, Local and Tribal Governments-	<p>1. The Environmental Services Delivery Plan (ESDP) delineates roles and responsibilities, joint goals and objectives, and establishes accountability between the Division and local health departments and local governments. Effectiveness of the Environmental Service Delivery Plan in developing a state/local partnership, coordinating delivery of services, and obtaining adequate resources will be evaluated. The Division will improve the effectiveness and efficiency of statewide delivery of environmental services by strengthening relationships with all levels of government.</p> <p>a. Work with federal, state, local (including local health departments), and tribal governments and provide information to plan for and manage the environmental impacts of growth.</p> <p>STATUS: The Division coordinated with federal, state and local governments as requested.</p> <p>b. Provide technical and non-technical training to local health departments, industry, local governments, or other groups.</p> <p>STATUS: The Division provided training as</p>

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EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
	equitable distribution of environmental benefits.			<p>requested. The Division also provided online training for used oil and waste tires.</p> <p>c. Focus on teamwork and partnership in identifying and resolving problems. STATUS: The Division focused on teamwork and partnership to solve problems.</p> <p>d. Receive and evaluated feedback on success of partnerships. STATUS: The Division considered feedback from its partners.</p> <p>e. Address key problems identified by government partners and develop and implement solutions. STATUS: The Division worked with its partners to identify problems and develop solutions.</p> <p>g. Evaluate effectiveness of the Performance Partnership Agreement in developing a state/federal partnership, coordinating delivery of services, and obtaining adequate resources. STATUS: The Division is working with EPA to determine if the current one-year PPA should be replaced with a multi-year PPA.</p>
				<p>2. Improve the efficiency of statewide delivery of hazardous waste management services by strengthening relationships with local health departments and EPA.</p> <p>a. Identify key hazardous waste management problems and implement a solution in partnership with local health departments,</p>

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EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
				<p>local government, the Division, and EPA. STATUS: Waste management problems and solutions identified as appropriate.</p>
				<p>b. Provide adequate resources to implement Environmental Service Delivery Plan. STATUS: Adequate resources provided as necessary.</p>
				<p>3. Establish positive relationship between the Division and local health departments.</p> <p>a. Notify local health departments of any Division activities occurring in their areas of jurisdiction. STATUS: Local health departments were notified as appropriate.</p> <p>b. Ensure directors of local health departments, or their designee, are copied on correspondence related to the Division activities associated with their area of jurisdiction. STATUS: See response to “a” above.</p> <p>c. Meet with each local health department at least annually. STATUS: Division Director attended annual meeting with local health departments and the Department of Environmental Quality.</p>
				<p>4. Inform local governments concerning the Division programs and activities in order to be able to comply with appropriate regulations and plan for future needs.</p> <p>a. Participate, when invited, with local government organizations, at regular seminars and training meetings, as well as</p>

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EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
				<p>respond to individual requests for information. STATUS: The Division participates when invited. Division staff has coordinated with local counties on the Environmental Task Force.</p> <p>b. Solicit input from local governments regarding proposed rules which could impact their areas of jurisdiction. STATUS: Proposed rules affecting local governments were sent to local governments for review prior to publication of the draft rule.</p>
				<p>5. Enhance the State/EPA partnership and to ensure the management of a quality hazardous waste program.</p> <p>a. Jointly develop and maintain the MOA, the enforcement agreement, quality assurance plan for environmental data collection, and other operating guidance. In FY 2013, the Division and EPA will review and revise, if necessary, the MOA. STATUS: Region 8 and the Division reviewed the MOA and agreed that an annual review would no longer be required.</p> <p>b. Jointly plan and prioritize program goals, objectives and activities which address joint priorities. The Division and EPA will work together on PPA development, program activities and priorities, inspection strategies, planning meetings, program reviews, and national assessments of major program elements. STATUS: The Division participated with EPA in prioritizing and planning program goals, objectives and activities.</p>

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EPA Strategic Goal and Objective		EPA Strategic Measurement	DSHW Goal	DSHW Measure and Status
				<p>c. Maintain a high level of coordination and cooperation between state and EPA staff to assure successful and effective administration of the program. Coordination includes evaluation of desirable technical support and targets for joint efforts/work sharing. STATUS: The Division coordinated with EPA as appropriate.</p> <p>d. Maintain frequent/open communication on routine matters, changes in program capability, legislation, and resource levels, emergency situations, and other key activities as described in the MOA. EPA and the Division will hold regular meetings or conduct conference calls, at least quarterly, to share information, identify and solve problems, and engage in short-term planning efforts. STATUS: Quarterly conference calls with the Region were suspended. The Division coordinated with EPA as needed. Quarterly conference calls will be scheduled for FY2014.</p> <p>c. Jointly identify state training and technical assistance needs. EPA will make training and technical assistance available to the state and will work towards improving the capability to provide high quality assistance. STATUS: When requested, the Region is willing to provide needed training. The Division has a mature program and does not require regular EPA training. The Department provides the Division with several opportunities a year for staff training.</p>

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FY 2013 Hazardous Waste Program Commitments for UTAH					
Event	# of Facilities or Units	Achieved by EOY FY2012	FY 2013		
			Committed	Achieved	EOY
Closure Activities (all at unit level)					
Closure Plan Approval (CL360) for LDUs	55	55		0	55
Closure Verification (CL380) for LDUs	55	52		0	52
Closure Plan Approval (CL360) for TSUs	153	149		0	149
Closure Verification (CL380) for TSUs	153	135	13	39	135
Closure Plan Approval (CL360) for CUs	6	6		0	6
Closure Verification (CL380) for CUs	6	3	3	4	3
Closure Plan Approvals Total (LDUs+TSUs+CUs)	214	210		0	210
Closure Verifications Total (LDUs+TSUs+CUs)	214	190		0	190
Permit Activities at GPRA Universe Facilities (all at facility level)					
Permitted Facilities under Approved Controls	2	1		0	1
Permit Renewal due this FY	9	1	1	1	2
Permit Activities Totals				0	
Permit Activities for GPRA Universe Facilities (at unit level)					
Controls in Place for LDUs on Closure Track	2	1		0	1
Controls in Place for LDUs on Operating Track	0	0		0	0

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Controls in Place for TSUs on Operating Track	8	8		0	8
Controls in Place for CUs on Operating Track	0	0		0	0
Corrective Action Activities at GPRA Universe Facilities (activities are at facility level, unless specified at area level)					
RCRA Facility Assessments (CA050)	24	24		0	24
Overall Facility NCAPS Ranking (CA075)	24	24		0	24
Facility Stabilization Assessment (CA225)	24	23		0	23
Facility Remedy Selection (CA400) (GPRA)	24	13		0	13
Facility Construction Completion (CA550) (GPRA)	24	12		0	12
Human Health Exposures Controlled (CA725) (GPRA)	24	23		1	24
Groundwater Migration Controlled (CA750) (GPRA)	24	17	1	0	17
RFI Imposed (CA100) (area level)	868	800		0	800
RFI Approved (CA200) (area level)	868	636	8	4	632
Remedy Selection (CA400) (area level)	868	506		4	502
Construction Completion (CA550) (area level)	868	376		4	372
Corrective Action Completed (CA999) (area level)	868	369		4	365

1. Closure Verification TSU CAMDS MDM CONVEYOR
2. Closure Verification TSU CAMDS MTF
3. Closure Verification TSU CAMDS VSA STORAGE
4. Closure Verification TSU CAMDS ASR-T6
5. Closure Verification TSU CAMDS ASR-T7

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6. Closure Verification TSU CAMDS MDF-T3 & T4
7. Closure Verification TSU CLOSURE BLDG 541
8. Closure Verification TSU CLOSURE4 SAFTNK12B
9. Closure Verification TSU CLOSURE5 SEGSM6D
10. Closure Verification TSU CAMDS ECC#1
11. Closure Verification TSU CAMDS MDC2 UNIT A
12. Closure Verification TSU SUBPART X OBOD1
13. Closure Verification TSU CAMDS PMD MACHINE
14. Closure Verification CU CAMDS DFS
15. Closure Verification CU CAMDS LIC
16. Closure Verification CU CAMDS MPF
17. Permit Renewal UTTR
18. RFI Approved (CA200) ATK Promontory SWMU 191, 192, 195, 208, 444, 553, 649, and 650
19. Remedy Selection (CA400) ATK Promontory SWMU 191, 192, 195, and 444
20. Construction Completion (CA550) ATK Promontory SWMU 191, 192, 195, and 444
21. Corrective Action Completed (CA999) ATK Promontory SWMU 191, 192, 195, and 444
22. Groundwater Migration Controlled (CA750) Ninigret

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UDEQ DIVISION OF WATER QUALITY

DWQ

Protect, maintain and enhance the quality of Utah's surface water and ground water to allow appropriate beneficial uses, and protect public health while giving reasonable consideration to economic impacts.

EPA STRATEGIC GOAL 2: PROTECTING AMERICA'S WATERS.

Protect and restore our waters to ensure that drinking water is safe, and that aquatic ecosystems sustain fish, plants and wildlife, and economic, recreational, and subsistence activities.

UPDES ENGINEERING/PERMITS

EPA OBJECTIVE 2.1: Reduce human exposure to contaminants in drinking water, fish and shellfish, and recreation waters, including sources waters.

EPA OBJECTIVE 2.2: Protect and Restore Watershed and Aquatic Ecosystems.

Protect the quality of rivers, lakes, streams and wetlands on a watershed basis, and protect urban, coastal, and ocean waters.

Maintain an acceptable UPDES Program per agreement with EPA. The Utah Department of Environmental Quality (DEQ) shall fully implement and enforce its delegated UPDES program (including, as appropriate, general permitting, pretreatment, biosolids, CAFO, and storm water programs) as required by 40 CFR Parts 122-124, 403, 501 and 503, its delegation MOA July 7, 1987, SEA, Inspection Plan, and any other agreements with EPA regarding program implementation. The PPA may specify goals and objectives for activities beyond the base level of performance, but, in no way, should this be interpreted as relief from full implementation of the base program.

DEQ certifies that it has, maintains, and implements an adequate UPDES program including pretreatment, biosolids, CAFO, and storm water in conformance with federal and state laws and regulations and conditions set forth in program authorization (delegation) documents. As long as the DEQ maintains an adequate program, the EPA and the DEQ agree that this Agreement shall remain in effect, except as amended through mutual agreement.

Grant dollars awarded by the EPA may be used by the DWQ UPDES Program to perform core program activities to adequately maintain its UPDES program, even when these activities are not specifically defined by goals, measures, and/or reporting requirements.

Continue to fully implement the ongoing UPDES pretreatment, biosolids, CAFO, and stormwater management programs as per the following "CORE PROGRAM ACTIVITIES", "COMPLIANCE AND ENFORCEMENT ACTIVITIES" and "PERMIT ACTIVITIES".

UPDES Core Program Activities

1. DWQ will report the number and percent of facilities that have a discharge requiring an individual permit that:

- (a) are covered by a current UPDES permit (FY 2012 EOY Report, Edith) **(WQ-12)**

STATUS: 128 Individual permits. Note that Biosolids permits are not included when they are combined with their POTW permit.

- (b) have expired individual permits (FY 2012 EOY Report, Edith)

STATUS: There are currently 34 expired permits, which includes 8 Biosolids permits that are expired due to the corresponding POTW discharge permits currently being expired.

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- (c) have applied for, but have not yet been issued an individual permit (FY 2012 EOY Report, Jeff Studenka or John Kennington)

STATUS: We have 1 facility that has applied for an individual permit, but not yet received their permit as of 9/30/2013.

- (d) have individual permits under administrative or judicial appeal (FY 2012 EOY Report, Jeff Studenka or John Kennington)

STATUS: There are currently 4 permits under administrative appeal.

2. Each year, 95% of priority permits and 90% of all permits are issued or reissued within the 5 year statutory time frame. If the number of backlogged permits is greater than 30% at any time, provide an overall permit issuance/backlog reduction plan showing how the State will expeditiously reduce the backlog to 10%. (FY 2012 EOY Report, Jeff Studenka or John Kennington)

STATUS: Based upon our entire permit universe, our number of backlogged permits is significantly less than 30%.

3. Semiannually indicate the number of storm water sources associated with industrial activity, number of construction sites over one acre, and the number of designated storm water sources (including Municipal Phase I and Phase II) that are covered by a current individual or general UPDES permit or other enforceable mechanism, by April 1, 2012 and October 1, 2012. (Edith or Jeff Studenka)

STATUS: Completed on March 27 and on September 27, 2013. As of September 2013 there are 652 industrial, 2159 construction, and 78 MS4 permits (including 3 Phase I & 75 Phase II Municipal facilities).

4. Involve regulatory agencies and the public as necessary to effectively permit storm water discharges. (Ongoing, Stormwater Coordinators, Jeff Studenka).
- a. The State program is accessible by the public and regulated entities (i.e., contact information and web sites, etc.).

STATUS: Accessible and ongoing.

- b. Include EPA in the review process prior to issuing general permits for storm water discharges.

STATUS: Completed and ongoing.

- c. Track storm water general permit coverage and provide data to EPA on regulated agencies consistent with National efforts for data management (ICIS).

STATUS: Completed and ongoing.

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5. Identify in ICIS the following Pretreatment Program statistics:

- a. The number of significant industrial users (SIUs) that discharge to POTWs with approved Pretreatment Programs,

STATUS: There are 255 SIUs in approved pretreatment programs.

- b. The number of significant industrial users (SIUs) that discharge to POTWs with approved Pretreatment Programs that have adequate control mechanisms implementing applicable pretreatment standards and requirements. (95% coverage is the Regional commitment)

STATUS: There are 255 SIUs in approved pretreatment programs that are currently permitted. Therefore 100% of SIUs are permitted.

- c. The number of categorical industrial users (CIUs) that have adequate control mechanisms implementing applicable pretreatment standards and requirements in approved pretreatment programs. (Jen and Edith)

STATUS: There are 176 CIUs in approved pretreatment programs that are permitted.

6. a. Perform inspections on 30% of all approved pretreatment programs

STATUS: Inspections were completed at 7 of the 20 approved pretreatment programs in inspection year 2012 (35%).

- b. Perform audits on 20% of all approved pretreatment programs. (Ongoing Jen)

STATUS: Audits were completed at 4 of the 20 approved pretreatment programs in inspection year 2012 (20%).

- c. Provide EPA with the number and percent of local Pretreatment programs that have implemented Pretreatment Streamlining Regulations. (FY 2012 EOY Report Jen)

STATUS: Seven of 22 (32%) programs have implemented Pretreatment streamlining regulations into their ordinances. Five have submitted their ordinances for review. One has been required to submit their ordinance for review due to audit requirements.

- d. Provide the number of categorical industrial users (CIUs) in non-approved pretreatment programs (FY 2012 EOY Report, Jen)

STATUS: Currently the State is aware of four CIUs in non-approved pretreatment programs.

- e. Provide the number of CIUs in non-approved pretreatment programs permitted by the State. (FY 2012 EOY Report, Jen)

STATUS: Currently the State permits one CIU in a non-approved pretreatment program. Two of the others have been required by the POTW to not discharge into the POTW.

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7. Continue to assist in implementation of the Utah AFO/CAFO Strategy. Specific commitments include:

- a. Subsequent to CAFO rule promulgation develop a new General Permit based on revised CAFO Rules. (Ongoing, Don)

STATUS: New state CAFO rules effective July 1, 2013. The new general permit is scheduled to be issued in early 2014, several months following rule promulgation.

- b. For all permitted CAFOs if available, enter permit facility data, permit event data, and inspection data into ICIS. Provide EPA with copies of all CAFO inspection reports. (Ongoing, Don)

STATUS: CAFO Permit event and inspection data are entered into ICIS. Additional permit facility data will be entered when new NOIs & NMPs are received for the new CAFO permit in 2014. Copies of CAFO inspection reports are sent to EPA.

- c. Inform EPA of animal feeding operations that are impacting water quality annually (FY 2012 EOY Report, Don).

STATUS: EPA is informed of AFOs that impact water quality through inspection reports and/or enforcement actions.

- d. Conduct and/or participate in meetings of the AFO/CAFO committee and maintain critical partnerships with NRCS, UACD, the Farm Bureau and the agricultural community.

STATUS: Two AFO/CAFO committee meetings were conducted in 2013 with partners from UDAF, NRCS, UACD, Utah Farm Bureau, producers, and other representatives from the agriculture community. Other meetings of smaller workgroups were also held to discuss the draft state rule, nutrient management planning practices and partnership work agreements as necessary and appropriate.

- e. EPA will provide CAFO rule development updates, to keep DWQ informed.

STATUS: EPA R8 provides updates of the CAFO rule as information becomes available.

8. Implement the Sewage Sludge (Biosolids) regulations

- a. % and # of UPDES permits that contain biosolids language. (FY 2012 EOY Report, Mark)

STATUS: 100% of the UPDES individual discharge permits for mechanical wastewater treatment plants where biosolids operations are routinely conducted include biosolids permit requirements in the permit (31 permits). Thirty more UPDES discharge permits for lagoon based wastewater treatment plant systems, where biosolids are not routinely, actively handled, have biosolids language requiring coordination with the permitting authority when the entity may decide to reduce the biosolids inventory in the pond system by removal and disposal

- b. Maintain data in the ICIS database.

STATUS: Ongoing

9. Implement the Clean Water Act Action Plan

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Utah and EPA will work together to implement the Clean Water Act Action Plan to identify water quality issues of greatest concern for the State, and develop collaborative annual work plans to leverage both Utah and EPA resources to address these issues. A draft collaborative work plan will be developed prior to October 31, 2012. The Utah and EPA will conduct quarterly teleconferences to discuss progress towards meeting annual permitting and enforcement commitments.

STATUS: Ongoing.

UPDES Compliance and Enforcement Activities

1. Ensure maintenance of information management systems sufficient to plan, track, assess, and make adjustments to program activities.

- a. Properly enter data into the ICIS data system such that the federally required data fields are current. (Ongoing, Edith)
- b. Provide to the maximum extent practicable the RIDE elements required. This depends on information that is obtainable with the permittee's cooperation and economic restraints. (Ongoing, Edith)
- c. ICIS data is entered accurately which includes permitting, compliance, and enforcement data. (Ongoing, Edith)
- d. DWQ will continue to assess the Watch List on a quarterly basis and coordinate the QNCR with EPA. (Ongoing, Edith)

STATUS: For a, b, c, & d above, all are current and ongoing within DWQ.

2. Non Major Facilities Compliance Report.

Continue to report non-major facilities compliance data the same as majors through the ICIS data management system. (Ongoing, Edith)

STATUS: This is current and ongoing within DWQ.

3. Coordinate inspection activities among programs and between the State and USEPA. Incorporate targeted USEPA national and regional priority sectors, as agreed upon between DWQ and USEPA. Include those sectors, as agreed upon, when planning IU inspections by DWQ or USEPA. Consider planning inspections to complement timing and focus on watershed efforts. Inspections will be made in accordance with the mutually agreed to annual inspection plan. Utah's Annual Inspection Plan will, to the extent possible, incorporate the EPA NPDES Compliance and Monitoring Strategy (Oct. 17, 2007) to include details of inspection commitments for both traditional NPDES core programs and wet weather priority areas identified in the EPA strategy. (Ongoing Lonnie, Mike H.)

- a. Submit draft inspection plan for FY13 by August 1, 2012, and final inspection plan by September 1, 2012 or within 15 of days of receiving EPA's formal comments on the draft plan if EPA comments are received later than August 15, 2012. (Lonnie, Mike H.)

STATUS: Completed within the EPA timeframes.

- b. Track inspections in ICIS. (Ongoing: Edith, Lonnie, Mike H.)

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STATUS: *This is current and ongoing within DWQ.*

- c. As noted in the inspection plan, DWQ will conduct the following minimum number of inspections during FY13:

UPDES INSPECTION SUMMARY TABLE		
INSPECTION/FACILITY TYPE	NO.	COMMENTS
Major Permittee Facilities - CEI	16	
Minor Permittee Facilities - CEI	16	
Minor Industrial Permittee - RI	24	
Minor Municipal Permittee - RI	14	
Pretreatment (Audit and PCI)	10	4 audits and 6 inspections
Biosolid Program Inspections	6	~20% of permitted facilities
Stormwater Const. Phase 1	60	~10% of active facilities as of July 2012
Stormwater Const. Phase 2	36	~5% of active facilities as of July 2012
Stormwater Industrial	60	~10% of active facilities as of July 2012

STATUS: *DWQ completed 16 CEIs at Major Facilities, 14 CEIs at Minor Facilities, 23 RIs at Minor Industrial Facilities, and 17 RIs at Minor Municipal Facilities for a total of 40 RIs, which is two more than the total RIs above. DWQ also completed over 60 Stormwater Construction Phase I and 36 Phase II inspections. 62 Stormwater Industrial inspections were also conducted. Other DWQ inspections completed include 11 Pretreatment and at least 6 Biosolids.*

- d. EPA Region 8 may conduct up to 4 joint oversight inspections with DWQ in FY12.

STATUS: *Completed by EPA.*

4. Sanitary Sewer Overflows (SSOs)

- a. Respond to SSO when requested by districts, municipalities and local health departments as requested or if waters of the State are threatened. (Ongoing Jen)

STATUS: *Ongoing.*

- b. Continue to inventory (ask questions of) permittees for SSO occurrences and resolutions through the Municipal Wastewater Planning Program (MWPP) questionnaire.

STATUS: *The SSO portion of the MWPP was not sent out this year because the program started late last year, and the MWPP query would be premature. The MWPP will be sent out this year.*

- c. Submit to EPA Region 8 a report by October 15, 2012, with information for FY12, that will include:

- i. Number of UPDES inspections at major facilities where SSO information was received. (Jen)

STATUS: *The SSO questionnaire was asked at 12 major facilities as part of the CEIs.*

- ii. An updated SSO inventory and the causes of the SSOs. (Jen)

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STATUS: *The SSO portion of the MWPP was not sent out this year because the program started late last year, and the MWPP query would be premature. The MWPP will be sent out this year.*

- iii The number and percent of SSO inspections in priority watersheds (as defined by the State) including the name of the priority watershed.

STATUS: *The DWQ was not required to inspect a collection system this year, therefore no collection system inspections were completed this year. In lieu of the inspections Utah started its Utah Sewer Management Program, a program to permit the operation of all public sanitary collection systems to encourage better management of those systems.*

- iv The number and type of informal and formal enforcement actions taken in response to SSOs;

STATUS: *UDOT will receive an informal enforcement notification due to a SSO in Harrisville. No facilities received formal enforcement actions due to SSOs.*

- v. The percent of enforcement actions in priority watersheds (as defined by the State) for SSO; and

STATUS: *No formal enforcement actions were taken this past inspection year in priority watersheds.*

- vi A description of how 20% of the SSOs, that were reported, were addressed.

STATUS: *Entities are required to submit 24-hour verbal, and 5-day written reports of SSOs. Of those reports some were determined to be unpreventable and/or corrected quickly by the reporting agency. One was handled by an informal enforcement action as stated above in iv. of this report.*

- d. The State will take enforcement action whenever deemed necessary to protect Waters of the State. SSO enforcement actions will be entered into ICIS NPDES as single event violations. Copies of SSO inspection reports will be provided to EPA. (Ongoing Jen)

STATUS: *Ongoing*

- e. In order to gain additional information regarding SSOs, and as an additional task during CEI inspections, DWQ will perform an enhanced inquiry with regard to the SSO history of the facility for the preceding year. An enhanced set of standard questions will be developed cooperatively with Region 8. By the end of this fiscal year the DWQ will adopt and implement the Utah Sewer Management Program, as designed and envisioned as of October 1, 2011. (September 30, 2012, John Kennington, Jennifer Robinson)

STATUS: *The additional SSO history information is being requested during CEI inspections. The Utah Sewer Management Program was started on October 1, 2012.*

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UDEQ DIVISION OF WATER QUALITY

5. Storm Water

- a. Division personnel will conduct the minimum numbers of stormwater inspections of permitted and unpermitted facilities shown in the "UPDES Inspection Summary Table" in Section 3.c. above. All inspections will be entered into ICIS and copies of inspection reports and enforcement actions will be provided to EPA Region 8. Utah's Annual Inspection Plan will include the industrial sectors that will be focus areas for FY13 as well as any geographic areas targeted for construction inspections (Ongoing, Mike George, and Harry Campbell).

STATUS: DWQ completed the storm water inspections as listed above in Section 3.c. Inspections are entered in ICIS and copies are sent to EPA.

- b. Continue implementation of MS4 permits which will ensure adequate sediment control inspections at local construction sites. This should increase the number of overall storm water inspections performed in the state. (Ongoing Mike George, Rhonda Thiele and Harry Campbell).

STATUS: Current and ongoing.

- c. EPA Region 8 will identify the difference between the rough draft Enforcement Management System that the DWQ submitted to EPA and the Enforcement Response Guide. As State resources allow, DWQ will work with EPA Region 8 to develop Utah's Enforcement Response Guide (ERG) to include storm water within a target of 6 months of the issuance of EPA Region 8's final storm water ERG.

STATUS: Ongoing with EPA.

- d. DWQ agrees to inspect all new sites, as we become aware of them, associated with a permittee that has been cited in any national enforcement case that Utah has joined after the national consent decree is final. The inspection of such sites will count toward the inspection totals in this PPA.

STATUS: Ongoing.

- f. DWQ will provide EPA with a copy of Utah's current storm water database on by 4-1-13, and 10-1-13 either electronically or on CD-ROM. (Edith, Jeff S.)

STATUS: DWQ completed as previously provided in section 3 of this report.

6. Assure proper implementation and consistent enforcement of WET requirements in UPDES permits.

- a. Following EPA's review and comment, revise Utah's WET policy and guidelines in order to assure alignment with EPA's national WET policy and/or regulations. Target 120 days following receipt of EPA's final comments. EPA Region 8 will notify DWQ when the EPA comments received are considered final. (Ongoing Mike Herkimer)

STATUS: A revised WET policy is in the final stages of development. Recent permitting issues have caused recent reconsideration of certain aspects of the policy, delaying it.

- b. Enforce UPDES permit WET limits and compliance schedule violations in accordance with the enforcement guidance contained in its February 15, 1991 "Permitting and Enforcement Guidance Document for Whole Effluent Toxicity Control," and any subsequent revisions. (Ongoing Mike Herkimer)

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STATUS: Ongoing.

- c. Utah will submit as part of their FY2013 EOY report: a list of the facilities which are required to have WET limits or WET monitoring, a list of facilities that have entered into a TIE/TRE during FY13, and a list of any formal enforcement actions which included WET violations, (Mike Herkimer).

STATUS: DWQ maintains a list of facilities that have WET limits and/or monitoring and has previously provided EPA R8 with this information. No facilities did a TIE/TRE in response to WET issues in FY13. No enforcements were performed related to WET issues in FY13.

7. Biosolids-Promote the beneficial use of biosolids

- a. Continue to conduct Biosolids inspections as indicated under UPDES Compliance and Enforcement Activities, Part 3c. (Ongoing Dan Griffin)

STATUS: Ongoing

- b. Reissue all biosolids permits which will expire in FY2013 and transition into consolidated permits as needed. (Ongoing Dan Griffin)

STATUS: Ongoing, and all biosolids permits are consolidated where needed.

- c. Submit an End-of-Year report to EPA for the preceding calendar year containing a summary of DWQs actions under their biosolids program. Also include a list of facilities that beneficially reuse biosolids, methods of reuse and the tons reused. (Mark Schmitz)

STATUS: Completed.

8. Enforcement Agreement.

- a. EPA will conduct quarterly conference calls with DWQ to discuss the Quarterly Noncompliance Report for major and minor facilities and current and projected enforcement cases to address concerns early in the process.
- b. EPA will identify and provide copies, if possible, of any policy or guidance documents used when evaluating the appropriateness of DWQ's enforcement actions. DWQ agrees to evaluate all violations and determine an appropriate response and take that action.
- c. DWQ will take timely and appropriate enforcement against facilities in Significant Non-compliance.
- d. DWQ understands that EPA Region 8 will continue to participate in and to initiate regional and national enforcement cases, and will promptly inform and discuss with DWQ any national and regional enforcement cases in Utah.
- e. Region 8 agrees to coordinate with and appropriately notify DWQ when it conducts inspections and investigations for regional and national enforcement cases.
- f. Until State resources become available, EPA will review the DMR-QA results and follow up with facilities. Utah DWQ will be copied on any follow-up.

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- g. DWQ will incorporate approved compliance schedules and deadlines into enforcement actions such that these schedules and deadlines are enforceable under the NOV/Order.
- h. In cooperation with DWQ, EPA Region 8 may perform inspections in regional and national priority areas according to national guidance. EPA may conduct inspections and issue enforcement actions as appropriate and will advise, consult with, and coordinate with DWQ prior to such activity.
- i. As State resources allow, DWQ will work with EPA Region 8 to implement the National Wet Weather SNC Policy.

STATUS: For a thru i above, all are current and ongoing within DWQ & EPA.

9. Concentrated Animal Feeding Operations (CAFOs) (Ongoing Don)

- a. Continue to implement "Utah's Strategy To Address Pollution From Animal Feeding Operations". This will include continuing to submit Utah's annual AFO/CAFO Strategy report to EPA Region 8 by February 28th of each year, which is dependent upon continued funding of the agriculture partnerships.

STATUS: Ongoing. The report was sent to EPA Region 8 on February 21, 2013. Elements of the Utah Strategy have been implemented primarily through work funded by agreements with Utah State University Extension, Utah Farm Bureau, and the Utah Association of Conservation Districts.

- b. Maintain an inventory of all permitted CAFOs during FY2013.

STATUS: The inventory is maintained.

- c. Inspect at least 20% of the permitted CAFOs during FY2013. This will include, at a minimum, inspection of each permitted CAFO at least once during the life of its 5 year permit period.

STATUS: In FY2012, there were 55 permitted CAFOs in Utah, of which 13 permitted CAFOs were inspected, or ~24%.

- d. Inspect at least 20% of any unpermitted large CAFOs only to determine if they are discharging. This will include at a minimum, that each unpermitted large CAFO will be inspected during the next 5 years.

STATUS: Based upon the known large CAFOs and information from the agricultural partners report, DWQ estimates that there were 12 unpermitted large CAFOs in Utah for FY2013, of which DWQ inspected 3 or ~25%.

- e. All permits, inspections and appropriate enforcement data for permitted CAFOs are entered into ICIS. (hard copies of inspection reports and enforcement actions will be submitted to EPA Region 8).

STATUS: Ongoing. Permit, inspection and enforcement data are entered into ICIS with hard copies submitted to EPA R8 as appropriate.

- f. Include in the End-of-Year report for FY2012 (Don):

- i. Total known number of permitted CAFOs in Utah.

STATUS: 55

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- ii. Numbers and percent of permitted CAFOs inspected.

STATUS: 13 permitted CAFOs inspected, which is ~24%.

- iii. Number of CAFOs that are determined to be discharging to waters of the State.

STATUS: Zero permitted CAFOs and zero un-permitted CAFO in FY13.

- iv. Number of enforcement actions taken against un-permitted facilities and permitted CAFOs, including:

- Number of Settlement Agreements
- For each case, any penalty amount assessed and collected

STATUS: Zero in FY13, but one settlement agreement remains unresolved from FY12 with a permitted CAFO; Pyrenees Dairy that included a penalty amount of \$3,500, which was paid, but the check bounced. Currently working the bank for bankruptcy collection procedures. One informal enforcement action was conducted in FY13 with an un-permitted facility; where as a warning letter was issued to resolve the issue. No penalty amount was assessed in this case.

- v. Number of compliance assistance workshops, training sessions, and/or presentations given for AFO/CAFO operators and/or Ag organizations.

STATUS: None in FY13.

- vi. After rule revision and issuance of the next CAFO permit, Nutrient Management Plans for permitted CAFOs shall be tracked in ICIS.

STATUS: NMP information will be included and tracked in ICIS as required.

- vii. For unpermitted CAFOs the number of complaints received.

STATUS: None in FY13.

10. EPA will determine the number of inspections conducted at midyear (March 31, 2013) and end of year (September 30, 2013) by DWQ in each category above by pulling this information from ICIS. Any inspections, performed on or before March 31, 2013, but which do not appear in ICIS by April 30, 2013, will not be counted in the midyear numbers. Any inspections performed on or before September 30, 2013, but which do not appear in ICIS by October 31, 2013, will not be counted in the end of year numbers.
11. EPA Region 8 may propose to inspect, in consultation with the State, certain natural gas operations in Region 8 for compliance with the Clean Water Act.
12. Submit to EPA appropriate enforcement documents at appropriate times as follows:
- a. NOVs as they are mailed to the violator. (Ongoing DWQ Staff)
 - b. A list of all completed enforcement actions including the name of the facility, type of action, penalty amount (if any), and type of facility shall be provided to the EPA with the EOY Report. The EPA will conduct a penalty review of a select number of actions, not to exceed ten. Upon request, DWQ will provide penalty calculations and all necessary background documentation to EPA for the selected enforcement actions, which will mainly focus in priority areas (e.g. cases in priority areas; MS4s, CAFOs, SSOs, and energy extraction). The EPA will provide written comments on settlement documents and

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penalty calculations as part of the EOY Review (Ongoing DWQ Staff)

- c. SAs for minor permittees and non-wet weather un-permitted facilities are sent to EPA after they are settled (Ongoing DWQ Staff)

STATUS: a, b and c above are all ongoing.

13. Federal Facility Inspections

- a. Region 8 will ask DWQ to conduct single and/or multimedia inspections at federal facility NPDES majors with recurrent effluent violations. Region 8 will conduct these inspections if DWQ does not plan to conduct the inspections. Region 8 will ask authorized states to work with EPA to target federal facilities for multimedia inspections. DWQ will be asked to lead the NPDES portion of a multimedia inspection at the selected federal facility. If DWQ does not want to conduct the inspection, EPA will conduct the inspection in lieu of the State.
- b. During FY13, EPA Region 8 may perform inspections at all Federal Facility construction sites that have been awarded contract dollars for site construction, in cooperation with DWQ inspectors.

14. 404 Enforcement Actions

EPA Region 8 will take the lead on 404 enforcement actions that have associated 402 violations, except where EPA determines combined cases may not be in the best interest of litigation.

UPDES Permit Activities

1. Implement the Phase II Storm Water Program.

- a. Continue outreach/education activities. (Ongoing, all SW staff)
- b. Encourage DWQ staff, District Engineers and municipal and county staff to assist with inspections as allowed by time and resource constraints. (Ongoing, all SW staff)

STATUS: a & b above are ongoing.

- c. In FY13, DWQ will conduct at least one Phase I MS4 audit.

STATUS: One Phase I MS4 Audit was completed with EPA R8.

- d. In FY13, DWQ will continue to implement their audit and inspection plan for Phase II MS4s to ensure that compliance determinations for these programs are completed by a target date of September 30, 2015, as state resources allow. The audit and inspection plan was submitted to EPA Region 8 for review and comment on or before March 31, 2009. This plan is subject to change as agreed to by EPA and DWQ.

STATUS: Ongoing with updated provisions for FY14.

2. Implement the Utah AFO/CAFO strategy.

- a. Implement the new EPA CAFO rules in Utah within FY 2013, and provide progress on adoption of the 2008 final CAFO rule to EPA. (Ongoing, Don).

STATUS: New EPA CAFO Rule changes implemented and effective July 1, 2103.

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- b. Issue a new CAFO UPDES General permit within six months of promulgation of State rules, (Don).

STATUS: *DWQ plans to issue the new CAFO permit six months following rule promulgation in early 2014.*

- 4. Utah Sewer Management Program (USMP)
 - a. During FY12 Utah intends to implement a comprehensive state-wide permit program for the planning, operation and maintenance of all public wastewater sewer collection systems. Utah will report to EPA on the status of program implementation in the FY12 End of Year Report. (John Kennington)
- 3. Reasonable Potential Process
 - a. Utah will continue to develop the process/procedures for RP consistent with 40 CFR 122.44(d) and will have a target date of September 30, 2012 for full implementation of the program. (John Kennington, Mike Herkimer)
- 4. Priority Permits
 - a. Utah will continue to emphasize the development of permits which appear on the EPA Priority Permits list, specifically targeting the permit issuance commitments for the current fiscal year. (Jeff Studenka, John Kennington)

STATUS: *Ongoing.*

TMDL/WATERSHED

EPA OBJECTIVE 2.2: Protect and Restore Watershed and Aquatic Ecosystems.

Protect the quality of rivers, lakes, streams and wetlands on a watershed basis, and protect urban, coastal, and ocean waters.

- 1. Accomplish an effective program for completion and implementation of TMDLs.
 - b. Complete and track scheduled TMDLs for listed waterbodies according to approved TMDL submission pace. (Semi-annual in May and November, Carl Adams) Any waters listed will comply with EPA guidelines to complete TMDLs within a 13 year time frame. **(WQ-8)**

According to current estimates of listed waters on the 2010 IR that will result in TMDLs and the requirement to complete TMDLs within 13 years since first listing, an average of 3 TMDLs will need to be completed per year beginning with 2011. The Division anticipates completing 3 waterbody/pollutant combination TMDLs by the end of FY 2013.

STATUS: *Approval for the Jordan River TMDL was received from EPA on June 5, 2013. The Jordan River TMDL (UT16020204-001, -002, and -003) is the first in Utah established for organic matter to address its dissolved oxygen impairment. The draft Selenium TMDL for the Colorado River (UT14010005-001, UT14030005-003, -004, and -005) is currently undergoing public and informal EPA review.*

- 2. Monitor implementation activities for completed TMDLs by establishing implementation

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milestones and tracking their completion. Tracking reports will be updated annually on January 15. (Carl Adams)

STATUS: *TMDL implementation tracking is ongoing by DWQ TMDL coordinators. Information on implementation activities is provided from several sources including 319 funded Local Watershed Coordinators, partner agencies such as the Utah Dept. of Natural Resources, Utah Dept. of Agriculture and Food, and NRCS' EQIP funding.*

3. Maintain sound fiscal management of contracts by tracking contract amount, expenditures to date and availability of funds to meet contractual obligations via quarterly reports. (Ongoing Carl Adams & Stacy Carroll).

STATUS: *Contract tracking is ongoing. Responsible staff coordinate on a regular basis to ensure sufficient funding to complete required work.*

4. Implement the watershed approach to effectively and efficiently support the development and implementation of TMDLs in Utah for impaired waters according to the approved 303(d) list.

STATUS: *Section Staff are actively implementing the watershed approach throughout the State in support of TMDL implementation and development activities. Focus areas for TMDL implementation in 2013 took place in the Uinta Basin Watershed Management Unit (WMU), focused on the Duchesne River. The targeted basin for 2014 is in the Jordan River/Utah Lake WMU. Current focus areas for TMDL development include the Rockport-Echo Reservoir Watershed in the Weber River watershed for low dissolved oxygen and completing the Colorado River TMDL for Selenium.*

5. Continue to implement the Nonpoint Source Program based on strong State and local institutional capabilities using the Watershed Approach in support of TMDL development.

Measures:

- a. Conduct a review of the NPS Management Program jointly with key partners and stakeholders to improve the 319 funding process and strengthen overall program operation and management.

STATUS: *An independent evaluation of the Nonpoint Source Program by Utah State University has been completed. This evaluation focused on the administrative infrastructure of the program and an evaluation of improvements to water quality as a result of NPS project implementation. Key findings have been incorporated into the revised Statewide NPS Management plan submitted to EPA in May, 2013. According to EPA requirements another review will be conducted in 2017 prior to the revision of the NPS management plan.*

- b. Update GRTS annually by entering annual progress report information according to January 1st deadlines. (NPS Plan Task 33)

STATUS: *This task is ongoing and on schedule. The GRTS entry is being performed by DWQ's NPS Coordinator.*

- c. Submit NPS Annual Report by January 31 of each year. (NPS Plan Task 34)

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STATUS: *This task is ongoing and on schedule. Highlights from The NPS Annual report will be included in DEQ's State of the Environmental Report provided to local and state policy makers.*

- d. Participate with UDWR through its Blue Ribbon Fishery and Habitat Council programs in the acquisition/protection of stream corridors.

STATUS: *No acquisitions were completed in 2013. Several stream restoration projects utilizing State and Federal Nonpoint Source funding have been used in coordination with Blue Ribbon and Habitat funding in the Price River, Strawberry River and Upper Sevier River watersheds.*

- e. Report non-319 funding in watershed protection and restoration projects in project annual and final reports. (NPS Plan Task 34)

STATUS: *These data have been gathered from NRCS, UDWR, UDAF and will be reported in the 2013 Annual Report for the NPS Program.*

- f. Obtain 319 project final reports from project sponsors and coordinate with EPA to obtain concurrence for grant closure in a 5 year time frame.

STATUS: *Closure of the FY-07 NPS grant was completed, and the process of closing the FY-08 funds has begun.*

- g. Implement best management practices appropriately and effectively and achieve natural resource improvements for 319 NPS Watershed Projects. Obtain available information of reductions in nonpoint source loadings for sediments, nitrogen and phosphorus, and improvements in water quality. Report load reduction and water quality information in project annual reports (GRTS), project final reports and NPS Program annual report. (NPS Plan Tasks 2, 6, 36 & 40, **WQ9**)

STATUS: *This task is ongoing. Information is included in project final reports, in annual project evaluation reports, reported in the GRTS database and summarized in the NPS Program Annual Report.*

- h. Number of watershed-based plans and water miles or acres covered, supported under State NPS Management Programs since beginning of FY-2002 that have been developed and number of watershed-based plans are being implemented per information reported in GRTS. (**WQ-27**)

STATUS: *For FY-2013 watershed based plans for the Duchesne River and Strawberry River were completed resulting in a total of 21 watershed based/TMDL Plans. Planning efforts are expected to be completed in the Jordan River/Utah Lake watershed management unit by early 2014.*

- i. Report the number of waterbodies identified (in 2000 or subsequent years) as being primarily nonpoint source (NPS)-impaired that are partially or fully restored. Target for FY-2012 is 2 watersheds (East Fork Sevier River and Fremont River). (**WQ10**)

STATUS: *A success story has been submitted for the Cub River although a re-assessment of beneficial use support has not yet been completed. This assessment will be reported in the next Integrated Report in 2014.*

- j. Report the number of developed Watershed Plans and identify those in progress. (NPS Plan Task 4)

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STATUS: *Twenty watershed plans are developed and currently fourteen are being implemented including: Upper, Middle (including Cutler Reservoir) and Lower Bear River, Cub River, Main Creek, East Canyon Creek, Chalk Creek, San Pitch River, Price River, Upper and Middle Sevier River, East Fork Sevier River, Duchesne River and Pariette Draw.*

- k. Report the number of watershed steering and (or) technical advisory committees formed and functioning during past year. (NPS Plan Tasks 9 & 10)

STATUS: *25 local watershed committees are organized and functioning with DWQ in the development and implementation of TMDLs. Local chairs and sponsors vary including counties, Conservation Districts and Water Conservancy Districts.*

- l. Report the number of priority NPS watershed areas where EQIP funds are used to implement conservation projects. Report allocation of EQIP funds to 303(d) waters and approved TMDL watersheds. (NPS Plan Task 34)

STATUS: *These data have been requested from NRCS and will be reported in the 2013 NPS Program Annual Report. In 2013 Water Quality Initiative funding was allocated to the Main Creek watershed in 2013.*

- m. Report the number of priority watershed coordinator positions developed and functioning according to DWQ contract work plans. (NPS Plan Task 9)

STATUS: *Eight local watershed coordinator positions are in place and functioning with contracts with DWQ. Two of these positions, the Jordan River and Middle Sevier coordinators are funded as part time / work share positions in cooperation with the local sponsoring agency. The remaining coordinator positions in the Middle/Lower Bear River, Upper Weber River, Uinta Basin, San Pitch River, Upper Sevier River and Upper Virgin River/Cedar Beaver watersheds are funded as full time positions.*

GROUND WATER PROTECTION

EPA OBJECTIVE 2.1: Reduce human exposure to contaminants in drinking water, fish and shellfish, and recreation waters, including sources waters.

1. Maintain an effective 1422 Underground Injection Control Program per agreement with EPA. The Utah Department of Environmental Quality, Division of Water Quality (Utah DWQ) certifies that it maintains and implements an adequate Underground Injection Control (UIC) Program under Section 1422 of the Safe Drinking Water Act (1422 UIC Program) in conformance with federal and state laws, regulations, and conditions set forth in program authorization (delegation) documents. As long as the Utah DWQ maintains a 1422 UIC Program, the Regional Administrator of the United States Environmental Protection Agency (USEPA) Region 8 and the Director of the Utah DWQ agree this Agreement shall remain in effect, except as amended through mutual agreement. Grant dollars awarded by the USEPA may be used by the Utah DWQ to perform core program activities (40 CFR Parts 144 and 147) to adequately maintain its 1422 UIC Program, even when these activities are not specifically defined by goals, measures, and/or reporting requirements. Utah DWQ agrees to conduct core program activities as described in and as evidenced by the submittal of the UIC Program reports itemized in Table I.
2. USEPA agrees to provide the following support to the Utah 1422 UIC Program:
 - a. One annual midyear review of Utah 1422 UIC Program.
 - b. Technical training, as appropriate and as funds allow.

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- c. Seventy-five percent (maximum) of funds necessary to operate the core State 1422 UIC Program, assuming a federal budget funding level near or equal to the past three years. Should funding levels drop significantly, USEPA will review core program elements and provide appropriate revisions.
3. To protect Underground Sources of Drinking Water (USDWs) from contamination by maintaining and implementing an effective core program, the DWQ 1422 UIC Program agrees to
 - a. Evaluation of core program effectiveness, reported in the semi-annual and annual narrative program report to the Administrator. (See Table 1 for specific reporting dates – Annual Narratives – Candace Cady).

STATUS: *Entries in this EOY Report constitute the annual narrative for the UIC Program.*

- b. Enforce the 1999 Class V Rule regarding motor vehicle waste disposal wells (MVWDWs) and large capacity cesspools (LCCs). MVWDWs and LCCs are closed as they are identified. Priority is given to identifying these wells within groundwater-based source water protection zones as delineated by the Utah Division of Drinking Water, Source Water Protection Program. Annual Narratives for details. (Ongoing, Candace Cady)]

STATUS: *Utah UIC staff continues to identify and close MVWD Wells. Our identification efforts are enhanced by our association with other state and local agencies and programs effectively increasing the number of “eyes on the ground”. These include DEQ’s Division of Water Quality, Industrial and Municipal Stormwater Programs; Division of Solid and Hazardous Waste, Used Oil Program; Division of Environmental Response and Remediation; Division of Drinking Water; as well as our DEQ’s District Engineers, statewide local environmental health directors, and county and municipal environmental staff.*

- c. Identify and report the number and percent of injection wells that are used to inject industrial, municipal, or hazardous waste (Class I) wells that fail mechanical integrity and maximize the number that are returned to compliance within 180 days, thereby reducing the potential to endanger USDWs.

STATUS: *Utah does not have any Class I injection wells.*

Report:

- Number that lose mechanical integrity.
 - Number that lose mechanical integrity that are returned to compliance within 180 days, expressed as numerator over denominator.
- d. Identify and report the number and percent of injection wells that are used for salt solution mining (Class III) that lose mechanical integrity and maximize the number that are returned to compliance within 180 days, thereby reducing the potential to endanger USDWs.

STATUS: *Utah 1422 UIC Program has been active with Class III well in FY2013. Intrepid Potash has constructed several additional wells and Magnum Gas Storage has begun to construct 2 NGL well / cavern systems. Pinnacle Potash is still addressing issues raised in the completeness review of their permit application. Activity metrics are available from the annual submission to the National UIC Database.*

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Report:

- Number that lose mechanical integrity.

STATUS: *These metrics are available from the annual submission to the National UIC Database.*

- Number that lose mechanical integrity that are returned to compliance within 180 days, expressed as numerator over denominator.

STATUS: *These metrics are available from the annual submission to the National UIC Database.*

- e. Identify and report the number of Class V motor vehicle waste disposal (MVWD) wells and large capacity cesspools that are closed or permitted. in sensitive ground water protection areas* and maximize the number that are closed or permitted thereby reducing the potential to endanger underground sources of drinking water.

STATUS: *These metrics are available from the annual submission to the National UIC Database.*

Report:

- Number of Class V motor vehicle waste disposal (MVWD) wells and large capacity cesspools in sensitive ground water protection areas that have been identified, and the number closed or permitted in FY13 reporting period.

STATUS: *These metrics are available from the annual submission to the National UIC Database.*

* Although Utah has not formally delineated "other sensitive ground water areas" throughout the state as defined by the December 7, 1999 final rule, the 1422 UIC Program will continue to prioritize the identification, reporting, and return-to-compliance of MVWDW and other high priority wells within Source Water Protection Zones and other areas, although not formally delineated, where risk to human health and vulnerability to ground water contamination is recognized.

- f. Ensure Utah UIC Program monitoring activities are performed according to the EPA-approved Utah DWQ Quality Assurance Plan for the UIC Program (July 5, 1990).

STATUS: *They are.*

4. To encourage responsible environmental behavior and promote excellence in environmental quality through environmental education, community-based partnerships and qualitative and quantitative feedback from regulated and non-regulated customers.

- a. Description of presentations to local government groups, local health departments, public works departments, private sector groups, civil groups, etc. which include UIC concerns and opportunity for feedback. (See Table 1 for specific reporting dates - Annual Narratives – Candace Cady).

STATUS: *Utah UIC did not make presentations to state or local groups this year. However, through our participation in the Utah Storm Water Advisory Committee, we have plans to work with local governments in identifying construction elements in the American*

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Public Works Association's Standard Plans for Storm Drains that qualify as Class V storm water drainage wells. Additionally, we are in the planning stages of coordinating with local governments in developing a GIS data layer to include all local ordinances addressing the placement of storm water drainage wells or other types of Class V wells within drinking water source protection areas. Our intent is to enhance our coordination with local governments in regulating Class V wells.

- b. Description of all outreach activities intended to inform local government groups, local health departments, public works departments, private sector groups, civil groups, etc. about the 1999 Class V rule regarding the closure of motor vehicle waste disposal wells (MVWDWs) and large capacity cesspools (LCCs). (See Annual Narrative – Candace Cady).

STATUS: ***Utah UIC did not make presentations to state or local groups this year about MVWDWs or LCCs.***

- 5. Electronic Submittal to the National UIC Database –

STATUS: ***See Table 1 for submittal dates.***

- 6. Utah DWQ currently maintains the 1422 UIC Program's geodatabase with ArcGIS Desktop 10. All reporting elements previously submitted on the 7520 forms and the online PAM tool will now be submitted quarterly through electronic submittal of the Utah UIC Geodatabase to the National UIC Database. In a memo dated 16 May 2012, USEPA Region 8 acknowledged the Utah 1422 UIC Program's successful transition from traditional report to electronic reporting. The memo stated that '[t]he Utah UIC program no longer has to separately submit: the five annual, semiannual and quarterly 7520 summary reports; the annual and quarterly Program Activity Measures reports and the annual inventory reporting.' According to the trading partner agreement included in the memo, DWQ will make quarterly electronic submittals to the UIC National Database (UICNDB) within 45 days after the end of each federal fiscal quarter.

STATUS: ***See Table 1 for submittal dates.***

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Table 1 - UIC FY13 Reporting Requirements*

<u>Due Date</u>	<u>Reporting Cycle</u>	<u>Report Required</u>
January 20 (1 st Quarter Date)	Quarterly	Electronic submittal to UICNDB no later than February 15. <i>Utah 1422 UIC Program made its 1st Quarter submission to the National UIC Database on March 19, 2013. This submission was late due to the upgrade of ArcGIS Desktop from 10.0 to 10.1 and the associated upgrade of Python 2.6 to Python 2.7. This resulted in the failure of the python script used to create the staging MS Access database which we then submit the National UIC Database. The python script was updated to run under the updated environment. EPA Region 8 was kept up to date on our progress in addressing the issue. They also had a submission from December 24, 2012 which was almost the entire 1st quarter submission.</i>
April 20 (2 nd Quarter Date)	Quarterly,	Quarterly Electronic submittal to UICNDB no later than May 15 <i>Utah 1422 UIC Program made its 2nd Quarter submission to the National UIC Database on April 26, 2013.</i>
July 20 (3 rd Quarter Date)	Quarterly	Electronic submittal to UICNDB no later than August 15. <i>According to the 11 July 2013 email from Beth Hall of EPA HQ, the UIC Program has moved to biannual instead of quarterly reporting therefore Utah 1422 UIC Program did not submit to the National UIC Database on August 15.</i>
October 20 (4 th Quarter Date)	Quarterly, Annual	Quarterly Electronic submittal to UICNDB no later than November 15 <i>Utah 1422 UIC Program submitted to the National UIC Database on November 13, 2013.</i> Annual <i>Annual Program Narrative Entries in this EOY report will constitute the Annual Program Narrative.</i>
<i>December 31</i>	Annual	Final Financial Status Report (FSR)

- 6 Continue administration of a comprehensive ground water protection program according to priorities established in Utah Ground Water Protection Strategy and the annual FY13 Division of Water Quality/Goals and Objectives.

STATUS: Ongoing

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Measures:

- a. End-of-year report as required by EPA grant on achievement of FY12 DWQ/Ground Water Program Goals and Objectives. (Rob Herbert due 9-1-13)
- b. Continue participation in the Ground Water Protection Council National Ground Water Strategy Committee with EPA Headquarters, Regions, and States. The intent is to help EPA develop a national strategy for refocusing EPA and States efforts on ground-water protection. **(Ongoing)**

WATER QUALITY MANAGEMENT

EPA OBJECTIVE 2.1: Reduce human exposure to contaminants in drinking water, fish and shellfish, and recreation waters, including sources waters.

EPA OBJECTIVE 2.2: Protect and Restore Watershed and Aquatic Ecosystems.

Protect the quality of rivers, lakes, streams and wetlands on a watershed basis, and protect urban, coastal, and ocean waters.

1. Implement an assessment program for the water of the State through development and submission of the *Integrated Report* (IR).

STATUS: For all measures a – I below: Ongoing. Due to delays in migrating all of DWQ's data to the new water Ambient Water Quality Monitoring System (AWQMS) database, completion of the IR is delayed. Delays were due to technical problems with migrating the data, extensive quality assurance checks, decisions to retain as much metadata as possible, and efforts to include external data. These efforts will ultimately result in a much higher quality and more complete database in the long term. The database issues have been resolved to the extent possible and the 2012 and 2014 IRs submitted to EPA in the first half of 2014.

Measures:

- a. Submit the 2012 IR to EPA for comment, review and approval of the §303(d) list of impaired waters.
(Flemer, Ostermiller, Holcomb, Shupryt, Wingert, Gardberg, Stanger; Present – December 2012)

- b. Report the number of waterbodies identified in 2002 (baseline) as not attaining water quality standards where standards are now fully attained. (cumulative) **(SP-10)**
(Flemer; Present – December 2012)

Report the specific causes of waterbody impairment identified by state in 2002 (baseline).
(cumulative) **(SP-11)**
(Flemer; Present – December 2012)

- c. Update the EPA Assessment Database, with modified assessment results from the 2012 IR
(Flemer; Present – December 2012)

- d. For the 2014 IR work with EPA to modify all sources in ADB to “unknown”, so DWQ can

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populate the “unknown” fields with source information after a TMDL is completed. (Flemer, Ostermiller, TMDL Section at DWQ, and EPA; Ongoing)

- e. Report all statewide findings derived from randomly selected sites, using EPA’s Statistical Survey Web Data Entry Tool.
(Flemer; Present – December 2012)
 - f. In collaboration with EPA, develop a plan for modifying analytical methods and reporting for the 2014 IR. In particular, this plan will emphasize: revisions to assessment methods, better integration of the 305(b) report and 303(d) list with the ADB and Statistical Survey Web Data Entry Tool, and edits to the text of reports to more effectively convey WQ status and concerns to our stakeholders.
(Flemer and work with EPA; Ongoing)
 - g. Revise assessment methods to: 1) accommodate DWQ’s newly adopted tiered monitoring strategy and rotating basin schedule and 2) to more accurately assess biological uses support of Utah’s reservoirs. Document these assessment method changes and submit them for formal public comment.
(Flemer, Holcomb, Ostermiller, Bittner; Work will begin after receiving NLA data from EPA)
 - h. Develop and implement, to the extent practicable, a more consistent nomenclature and numbering system (i.e. HUC 10 and NHD+) for linking Assessment Units (AUs) with designated uses, water quality standards, and completed TMDLs. Update the ADB with any modifications to AU uses.
(Flemer and Stanger; Present – December 2013)
 - h. Continue to develop more effective and transparent methods for tracking and documenting assessment analyses and results for the 2014IR. This includes developing: methods and tools to clean and format IR data, a database to store IR data, and tools to automate IR analyses.
(Flemer; Present – December 2013)
 - i. Begin to assess all readily available data for the 2014 IR, including DWQ and non-DWQ (e.g., federal and other state agencies and publicly submitted) data
(Flemer; Present – December 2013)
 - j. Continue to develop and implement a methodology and analysis tools for Targeted Monitoring.
(Flemer and Holcomb; May 2013 – September 2013)
 - k. Research and develop, to the extent possible, a methodology for assessing high resolution (e.g., long-term time series) data.
(Flemer and Ostermiller; Ongoing)
 - l. Assist in the development of AWQMS’ reporting tools (ATTAINS)
(Flemer, Ostermiller, and Stanger; Ongoing)
2. Maintain Water Quality Standards as the basis for effective water quality management and assessment programs.

Measures:

- a. Continue to compile a list of potential water quality standards revisions to be included in the upcoming triennial reviews, including: clarification of biological assessment uses, a

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CWA §401 policy, further antidegradation revisions, nutrient criteria (see *Water Quality Management*, Section 4), and appropriate modifications to Great Salt Lake standards (see *Water Quality Management*, Section 3). (WQ3 & WQ4)

STATUS: *A running list of potential water quality standards revisions was created and is regularly updated as new issues are identified. The changes are prioritized and addressed as resources become available. New rules for the implementation of water quality certifications under CWA §401 were promulgated under UAC R317-15. The antidegradation policy workgroup continues to meet regularly to discuss changes to the existing guidance. Utah promulgated and submitted to USEPA for approval new biological standards as R317-2-7.3.*

- c. Revise Utah's nutrient (TN and TP) reduction strategy, including a plan for the development and implementation of nutrient criteria. (WQ-1c)

STATUS: *Ongoing. Progress includes Technical Committee review of Ecological Study to determine limits in Category 1 Waters, technology based limits for POTWs and statewide implementation plan. Also working to develop strategy for how to incorporate USEPA's recently promulgated ammonia criteria into the nutrient strategy.*

- d. Continue to meet with Utah's Nutrient Stakeholder Workgroups on outreach efforts in support of Utah's nutrient reduction strategy. (WQ-1c)

STATUS: *Ongoing. Quarterly Nutrient Core Team meetings, see: <http://www.waterquality.utah.gov/nutrients/index.htm>. Many additional meetings were held to educate and receive feedback from stakeholders including:*

- *Interim Legislative Committee over the summer/fall to discuss the nutrient program, strategy, and funding needs;*
- *Drinking Water consortium;*
- *POTW groups; and*
- *Agriculture and stormwater associations.*

- e. Continue to collaborate with the water quality standards workgroup(s) of stakeholders and partners on continued WQS revisions.

STATUS: *Ongoing. The Water Quality Standards Workgroup continues to meet quarterly to revise Utah's water quality standards. See: <http://www.waterquality.utah.gov/WQS/workgroup.htm>*

- e. Develop and publicize a plan for the implementation of the recently revised methyl mercury criteria

STATUS: *Ongoing. Progress includes reviewing Idaho's implementation guidance and discussing with Idaho DEQ staff. Utah's existing freshwater criteria for mercury of 12 ng/L was already previously modified using a fish methyl mercury bioaccumulation model. Utah continues to monitor mercury concentrations and issue fish consumption advisories when appropriate. Currently, only one water with fish consumption advisory has a permitted discharge. Utah has taken a proactive approach with Great Salt Lake by requiring dischargers to characterize effluent concentrations of mercury using analytical methods with sufficient sensitivity.*

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- f. Continue to work with EPA and other interested stakeholders on revisions to Utah's antidegradation procedures, particularly with regard to their use in association with general permits and procedures for categorical protection of waterbodies.

STATUS: *Ongoing. Antidegradation stakeholder workgroup meets quarterly with goal of updating guidance. Most of the effort was focused on refining the existing guidance for UPDES permits and evaluating the proposed EPA changes to federal antidegradation rules. Also, reviewed EPA Region 10 guidance on antidegradation for general permits*

- g. Develop standards and associated guidance for the utilization of variances with UPDES and other permitting programs

STATUS: *Ongoing. A variance Policy has been discussed with the WQS Workgroup and recent guidance from other states including Colorado were reviewed. Development of Variance Policy is anticipated to be completed in 2014.*

3. Development of rules, policies, and procedures to ensure protection of Great Salt Lake and its surrounding wetlands.

Measures

- a. Continue to revise and implement the recently completed GSL water quality strategy, including: initiation of the synoptic sample and round robin monitoring effort and creation of a communication and outreach strategy.

STATUS: *Ongoing. Comment responses were prepared for the draft Strategy and the Strategy will be revised in early 2014. The Utah Water Quality Board has several new members and these the Board was briefed on the Strategy. The Board will be asked to adopt the Strategy in 2014. Synoptic sampling was continued with twice per year sampling. The data was compiled and shared with stakeholders at conferences and invited presentations. The Board funded a round robin laboratory evaluation that is anticipated to be implemented in 2015.*

- a. Continue numerous efforts to encourage collaboration among DWQs sister State and Federal agencies with related management responsibilities for GSL.

STATUS: *Ongoing. DWQ has actively engaged with the USGS, university researchers, Utah Great Salt Lake Advisory Council, Utah Forestry Fire and State Lands, Utah Division of Wildlife, USCOE, nongovernmental organizations, and industry. DWQ staff regularly attend the technical advisory group meetings for the above groups to share and coordinate research and management activities on GSL.*

- b. Develop a pollutant prioritization scheme based upon completed literature reviews.

STATUS: *Ongoing. The Utah Water Quality Board provided funding to conduct toxicity tests on brine shrimp and brine flies. DWQ conducted a pollutant prioritization to select pollutants for these tests. The prioritization was presented at local conferences and public input was solicited. Work to conduct the bioassays was contracted and a draft work plan to begin testing is under review. After public comment, the work on the bioassays is anticipated to commence in 2014*

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- c. Continue to collaborate with EPA on the 401 certification for Great Salt Lake minerals.

STATUS: *Ongoing. Monitoring at Great Salt Lake Minerals continued in 2013 and this monitoring provides data essential for evaluating the potential water quality impacts of Great Salt Lake Minerals existing and potential future operations. The monitoring was the result of collaboration between nongovernmental organization, Great Salt Lake Minerals, and DWQ. DWQ met with Great Salt Lake Minerals and the monitoring data will be used for the 401 Certification anticipate in 2014*

- d. As resources allow, continue to develop and implement monitoring and assessment methods for GSL wetlands, including: analysis of the recently completed 50-site collection effort, development of fringe wetland SOPs, and ongoing planning for the construction of experimental wetlands.

STATUS: *Ongoing. Significant progress was made in analyzing the data and constructing a model that includes the measures that will discriminate healthy wetlands from degraded wetlands. Utah hosted a wetland workshop in September 2013 that was well attended and provided an opportunity for researchers to collaborate on wetlands work.*

- e. Modify Utah's Water Quality Standards whenever appropriate to accommodate ongoing development of water quality programs for GSL.

STATUS: *Ongoing. The currently available data is insufficient to support changes to the Standards. However, as part of the Strategy efforts, DWQ developed an interim approach to developing effluent limits for UPDES permits discharging to GSL. This approach makes use of the currently available data and will ensure that GSL uses remain protected until Standards are actually adopted. In 2013, this process was applied to 3 UPDES permits which are anticipated to be issued in early 2014.*

4. Development of numeric nutrient criteria and associated implementation procedures (WQ-1c).

Measures:

- a. Revise classification models to incorporate recently collected reference site data

STATUS: *Complete.*

- b. Develop numeric water quality indicators and/or criteria for phosphorous, nitrogen and algal response (e.g., chl-a, secchi disc measures) with clear ties to aquatic life or recreation uses for lakes/reservoirs.

STATUS: *Ongoing. Initial efforts were focused on streams.*

- f. Complete development of assessment methods that specify how chemical and biological monitoring data—collected from both screening and intensive monitoring tiers—will be used to support nutrient criteria.

STATUS: *Ongoing*

- g. Complete development of data collection and analytical methods for the purpose of generating site-specific nutrient criteria to allow modification of regional criteria whenever

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empirical evidence suggests that changes are needed to accommodate unique site characteristics.

STATUS: *Ongoing. Significant progress was made on establishing site-specific protocols as the outcome of the outreach efforts with stakeholders*

- h. Begin development of appropriate procedures for implementation of numeric nutrient criteria.

STATUS: *Ongoing. A draft technology-based approach was developed. This approach is currently being re-evaluated for consistency with EPA's recently promulgated ammonia criteria.*

- i. Continue to work with a focused stakeholder group to provide input through the development of nutrient criteria and associated implementation programs.

STATUS: *Ongoing. Both the Nutrient Steering Committee and the Technical Team met at least quarterly in 2013. The proposed approaches were further disseminated through the outreach efforts previously discussed.*

- j. Begin development of a process and associated rule (i.e., variance policy, temporary modification) for implementing numeric nutrient criteria among existing point sources in a manner that is economically tractable, ecologically appropriate, and consistent with CWA rules and regulations.

STATUS: *Ongoing. The draft approach for public comment is anticipated in 2014.*

5. Develop and implement a long-term biological assessment program (WQ-3):

- a. Develop an annual biological monitoring strategy that best balances the programmatic needs of stakeholders. Make the list of sites available for review and incorporated into the annual monitoring strategy. (WQ5)

STATUS: *Completed- Biological data were collected from 82 locations throughout the State in 2013*

- b. Collect physical habitat, macroinvertebrate, and periphyton samples at ~74 streams annually to provide the data necessary to augment assessment tools and fulfill long-term (trend), natural variability (reference), restoration effectiveness, TMDL, 305(b), and 303(d) assessment needs. (May-October, 2013).

STATUS: *Completed- Biological data were collected from 82 locations throughout the State in 2013*

- c. Digitize both field and biological data and store in a readily accessible database. Physical habitat database will emulate EPA design currently under construction. Create electronic field form linking collected data to database.

STATUS: *Ongoing. Biological data are organized and geo-referenced, yet lack formal, public accessibility; physical habitat data are organized, but missing electronic submission route. Progress has been made to identify partner States and EPA personnel sharing the same objectives*

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- d. Develop modeled MMI from diatom data and integrate into existing aquatic life assessments.

STATUS: Ongoing

- e. Update invertebrate O/E model based on an expanded reference and water body (streams and rivers) dataset and revise thresholds for application in the 2014 IR.

STATUS: Ongoing, anticipated completion in January 2014.

- f. Pursue revisions to designated aquatic life beneficial uses to better reflect appropriate protections based on scientific framework.

STATUS: Ongoing. Request for Proposal has been formulated, seeking funds to implement task.

- g. Develop assessment methods that better integrate biological and chemical assessment methods to provide an overall assessment of aquatic life beneficial use support for Utah's streams.

STATUS: Ongoing, anticipated completion in January 2014.

- h. Develop outreach materials (i.e., website, fact sheets, reports) to more completely describe Utah's biological assessment program to our stakeholders.

STATUS: Ongoing--Webpage format and introductory information have been completed; provided hands-on outreach and training for 2 schools and several organizations during 2013

MONITORING

EPA OBJECTIVE 2.1: Reduce human exposure to contaminants in drinking water, fish and shellfish, and recreation waters, including sources waters.

EPA OBJECTIVE 2.2: Protect and Restore Watershed and Aquatic Ecosystems.

Protect the quality of rivers, lakes, streams and wetlands on a watershed basis, and protect urban, coastal, and ocean waters.

1. Continue phase-in of re-tooled Monitoring Program for Utah Division of Water Quality according to established schedules (WQ-5)
2. Conduct Tier 1 (probabilistic), Tier 2 (targeted) and Tier 3 (programmatic) monitoring on a rotating basin schedule
 - a. Tier 1 Monitoring: Probabilistic
 - Assess biological, chemical and physical integrity of waters of Weber River Basin utilizing selected core and supplemental indicators

STATUS: Complete

-Participate in National Rivers and Streams Assessment (Summer 2013 and 14, Jim, Ben Brown)

STATUS: Ongoing (50% Complete)

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- b. Tier 2 Monitoring: Targeted
 - Complete intensive targeted monitoring in Colorado River basin

STATUS: Complete

- c. Tier 3 Monitoring: Programmatic

- 1. Continue to implement a statewide mercury in fish tissue monitoring component as part of the long-term monitoring strategy as funding is available. (John Whitehead, Ongoing)
 - a. Utilize established workgroup to provide guidance and recommendations for the mercury monitoring program. (John Whitehead, Ongoing)
 - b. Participate in the issuing of mercury fish consumption advisories as needed. (John Whitehead Ongoing)
 - c. Participate in triennial review preparations/discussion pertaining to Hg.

STATUS: Ongoing

- 2. TMDL monitoring
 - a. Discharge in large rivers

STATUS: Ongoing in major basins during Targeted Monitoring

- b. Microbial source tracking

STATUS: Ongoing

- 3. Surface Water Compliance
 - a. Increased DMRs
 - b. Continue to Implement QUAL2K model sampling for permit renewal and wasteload development

STATUS: Ongoing as part of permit renewal process

- 4. NPS Effectiveness Monitoring
 - a. Implement pilot study for Long-term monitoring stations to assess effects watershed restoration, long term trends and climate change

STATUS: Ongoing

- 6. E. coli cooperative monitoring
 - a. Continue implementation of monitoring program for *E. coli* to facilitate more rigorous assessment of recreational beneficial uses (Jim and Sandy, ongoing)

STATUS: Ongoing

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3. Finalize effort to revise, overhaul and implement quality assurance system for water quality division including QAPPs, SOPs, annual monitoring plans, and new documentation requirements for continuous monitoring.

- a. Finalize and distribute overhauled quality assurance system for water quality division
 1. Final version of Monitoring Program QAPP under review and will be reviewed as per the DEQ Quality Management Plan (Fall 2012)
 2. SOP will be finalized as part of the QAPP review process (Fall 2012)
 3. New documentation requirements for continuous monitoring stations will be developed as part of the scoping and planning of pilot study (Spring 2013)
 4. Develop and web post Annual Monitoring Plan to include schedule, site locations, monitoring activities, responsible entities, and special studies for meeting program objectives in the SMP. (Fall 2012)
- b. Training in revised SOPs and QAPPs (ongoing)

STATUS: Ongoing (QAPP currently under review by QMP committee)

3. Complete development and initiate roll-out of data management tools based on WQX, AQWMS, ATTAINS

STATUS: Ongoing (Database current up to Jan1 2013)

- a. Data management tool roll-out and deployment within water quality division
 1. AWQMS: Web client is utilized by limited testing group internally and externally with a rollout expected in the Fall of 2012

STATUS: Complete

2. ATTAINS: Development of the assessment database is ongoing. Initial elements under the Exchange Network grant will be completed in September 2012

STATUS: Ongoing (EN grant complete. Additional elements may develop in 2014 in cooperation with the State of Maryland.)

- b. Training

5. Integrate monitoring strategy elements to full operating levels, including publication of final monitoring strategy and annual monitoring plan for public comment; ongoing maintenance of cooperative monitoring/statewide monitoring council, and monitoring- related website elements

- a. Finalize monitoring strategy and place on website for public comment (September 2102)
- b. Continue promotion, chairmanship and support of the Statewide Monitoring Council to facilitate coordination of monitoring activities and special studies by local state and

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federal agencies as well as researchers and volunteer monitoring groups and provide the following services to members:

1. Equipment and supplies
 2. Training
 3. Data management
- c. Maintain water quality monitoring council website

STATUS: Ongoing

7. Goal: Participate in design, development and implementation of Great Salt Lake short-, mid- and long-term Monitoring Plan
- a. GSL monitoring plan
- Design and implement Great Salt Lake Assessment, phase 1: 2012 IR target
 - Collaborate on revision of GSL assessment framework (nutrients, Hg)
 - Probabilistic Survey of impounded wetlands (complete fall 2012) and begin monitoring of fringe wetlands to develop MMI (summer 2013)
 - Conduct selenium monitoring
 - Purchase necessary equipment
 - Plan for and provide additional training

STATUS: Ongoing

SPECIAL STUDIES

1. Continue to chair the Statewide Mercury Work Group. (John Whitehead) (FS-1a)
2. Ongoing data collection on Willard Spur in support of Science Panel and DWQ effort to develop standards for fringe class wetlands.

STATUS: Ongoing

PLANNING AND DOCUMENTATION

- UDEQ will work with EPA to finalize the FY 11/12/13 monitoring workplan and develop a mutually acceptable reporting process.
- UDEQ will update our monitoring strategy.

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
Cross-cutting Strategy: Expanding the Conversation on Environmentalism		ENVIRONMENT	
		GOAL #1: Partner with the Department and Divisions in planning and policy initiatives.	
		1. Provide planning support for UDEQ initiatives and, on request, to statewide initiatives.	As opportunities arise, UDEQ is represented in meetings and information is coordinated through appropriate Department channels. STATUS: PPA and End of Year Reports were coordinated with EPA and submitted. Local Health Department contracts were coordinated and signed.
		2. Provide policy support for initiatives that are led or supported by UDEQ.	a. Assistance is provided in developing strategies to identify issues and encourage stakeholder participation. Informational and outreach support is provided. b. Assistance is provided with Environmental Council of States (ECOS) and other national, state, and local policy initiatives, as requested. STATUS: Task Completed.
Goal 4.2 Promote Pollution Prevention	Prevent Pollution and Promote Environmental Stewardship	GOAL #2: Facilitate integration of Pollution Prevention initiatives in UDEQ and throughout the State.	
		Pollution Prevention Objectives: 1. Improve environmental performance through adoption of sustainable practices that can be encouraged through the use of Environmental Management Systems (EMS), showcased through Clean Utah and the P2 Association, and shared with others on UDEQ websites.	a. Number of new Clean Utah participants including the new bronze track, and advancements to Partner or Leader level. STATUS: No new members. Growth has been slow but recruiting activities have been increased and at least 4 companies are expressing interest in the program. One Partner level member has indicated intent to advance to the Leader level which would mark the first to do so. b. Number of EMS audits completed. STATUS: 4 EMS Audits completed. c. Pollution reductions realized through these efforts in business, industry, or other UDEQ regulated entity. STATUS: Clean Utah Partner Annual Reports included: Reduced electricity by 1.3 million kWh and an

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
			<p>associated savings of 704 MTCO₂e with electrical saving calculations using 1.193 lbs CO₂ per KWh; Reduced 53 metric tons of NO_x through fleet upgrades; Reduced 830,664 pounds of hazardous chemicals (normalized for production increase) used in production and also reduced the generation of hazardous waste by 230,000 pounds; Reduced water usage by 11.6 million gallons; and, collectively reduced solid waste by 2510 metric tons through recycling. One partner, Hexcel, recycled 5,338,304 lbs. or 2427 metric tons of material. Hexcel's calculations based on the EPA "WARM" software (http://epa.gov/epawaste/conserves/tools/warm/index.html) indicated recycling 5,338,304 lbs. is equivalent to the following: GHG (MTCO₂E) of 10,664 tons Removing annual emissions of 1,953 passenger cars. Conserving 1,210,449 gallons gasoline Conserving 4,443,361 cylinders of propane used for home barbecues Conserving 56 railway cars of coal. Clean Utah Partner reports submitted on time. An economic benefit from the pollution prevention activities or the partners collectively resulted in a savings to those members of over \$686,618.</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
		2. Improve environmental awareness through partnerships with the P2 program and other groups/agencies with similar goals and priorities.	<p>a. Number of new and ongoing partnerships. STATUS: New and ongoing partnerships included: New Partnerships: Bill Barrett, Crescent Point Energy, Questar, Newfield, QEP, Thunderbird, Holly Frontier Refinery, Big West Oil Refinery. Existing Partnerships: Salt Lake Chamber, StopWaste Organization, NorhtFront Business Resource Center, Reusable Packaging Association, UDOT's TravelWise, 3form Materials Solutions, Specialty Lens and Horizon Milling. Continued active working partnerships with the following 42 partners during the year: Utah Food Services, Staker Parson's, Cabinetry by Carmen, Davis Chamber of Commerce, Davis Applied Technology College, Ogden/Weber Chamber of Commerce to partnerships, National Energy Foundation, Manufacturing Extension Partnership of Utah, Rocky Mountain Power Clean Cities, Salt Lake City, Salt Lake County, Economic Development Corporation of Utah, Envision Utah, Utah Manufacturers Assn., Intermountain Health Care, University of Utah, Governor's Energy Office, Kennecott Land, Kennecott Utah Copper Operational Services, IM Flash Technologies, Big D Construction, Staker Parson Companies, Swire Coca-cola, Nucor Steel, National Energy Foundation, Utah Chapter of AWWA, Utah Society for Environmental Education, Xanterra-Zion Lodge, Utah Transit Authority, Autoliv, Hexcel Corporation, Firestone Building Products, Circle Four Farms, Granite Construction, Red Hanger Cleaners, Weber State University, May Foundry, Tear-a-Part, USANA, Utah Metal Works, Salt Lake Marriot City Center, and</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
			<p>Utah's Local Health Departments. b. Number of participants in Utah P2 sponsored conferences and workshops. STATUS: 1625 participants at four different P2 sponsored events. c. Effectiveness of the workshops, measured by evaluation forms. d. Number of P2 Association participants. STATUS: P2 Association is restructuring to better meet business needs. Fifteen to 20 businesses regularly participate. e. Number of P2 award nominations received for annual P2 award recognition program. STATUS: The P2 Association issued three 2013 Pollution Prevention Awards, one Outstanding to Salt Lake City and two Meritorious Award to Northrup Grumman and Momentum Recycling. f. Number of presentations given. STATUS: Three presentations given. g. Completion and distribution of EPA P2 measurement tool. STATUS: Best Management Practices for Construction Sites revised and printed and Best Management Practices for Oil and Gas Operators is in development.</p>
		3. Encourage Pollution Prevention to Utah citizens through programs that target the reduction and proper disposal of special wastes that can cause human health concerns.	<p>Amount of mercury collected and properly disposed. STATUS: Statewide 461,858 gallons of used oil collected.</p>
		4. Track P2 grant spending and complete midyear and annual grant objectives	<p>a. Grant objectives met. b. State budget review and planning completed. c. Positive feedback received from EPA and State grant/finance offices. STATUS: Midyear and Annual reports were completed on time and we received positive feedback from EPA counterparts for meeting the objectives of this grant.</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
		5. Support the Governor's Utah Clean Air Partnership (UCAIR) initiative by developing strategies to improve air quality statewide, providing resources to implement strategies, and providing calculators to measure emission reductions.	a. Number of UCAIR pledges by individuals, businesses, and government agencies. b. Emission reductions achieved by individuals, businesses, and government agencies. c. Number of new and existing partnerships. d. Number of communities outside the Wasatch Front who adopt and implement UCAIR strategies to improve air quality. STATUS: 27 Businesses signed up for U-CAIR/Salt Lake Chamber Clean Air Champions Program. U-CAIR organized as 501c3 and DEQ has moved into a support role only.
		6. Direct and support a Public Education Campaign for UCAIR to increase awareness of air quality issues and provides resources for individuals, businesses, and governments.	a. Metrics for campaign success as developed by public relations firm in charge of campaign.
		7. Support and provide staff for UCAIR 501(c)(3).	a. Three year plan developed and completed. b. Board of Directors selected and installed. c. By-laws and Board policies developed. d. Funding secured to begin implementation of UCAIR 501(c)(3) three year plan, including first year of the Public Education Campaign. STATUS: Task completed.
		GOAL #3: Promote a sustainable relationship between economic development and environmental protection by coordinating work with businesses and related organizations.	
		Business Assistance Objectives: 1. Facilitate UDEQ cross-media business assistance.	a. Businesses making phone or e-mail contact to PPA receive informational assistance. STATUS: Responded to requests for information and assistance through phone calls and email. b. Pre-design meetings are held. STATUS: Conducted eight Pre-design Meetings of those five of those were full Pre-design meetings with three of those involving multiple state agencies. Three smaller partial meetings for business not needing a full Pre-design were conducted as well.

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
			<p>c. Cross-divisional, sector specific focus in outreach activities developed and implemented, as appropriate. STATUS: Ongoing as opportunities and issues arise.</p> <p>d. Business assistance WebPages are regularly updated. STATUS: Ongoing.</p> <p>e. Opportunities are taken to encourage consistent business assistance policies within UDEQ. STATUS: Ongoing.</p> <p>f. Regular coordination with GOED, EDCU, business assistance providers, Chambers of Commerce, and professional associations. STATUS: Routinely coordinates with the Governor's Office of Economic Development, Economic Development Corp of Utah, Utah Manufacturers Association, Chambers of Commerce and numerous other organization in providing resources and assistance. Participates monthly with EDCU Business Development on issue associated with DEQ and impacting new business development. GOED is notified of upcoming Pre-design meetings and invited to attend.</p>
		2. Serve as Small Business Ombudsman for UDEQ.	<p>a. Air Quality Small Business Compliance Panel remains active and quarterly meetings are held. STATUS: Small Business CAP remains active with quarterly meetings and additional email and phone updates. CAP members are specially invited to participate in air quality planning initiatives including PM2.5 SIP development.</p> <p>b. Availability of ombudsman is promoted on website and as part of informational presentations, as appropriate. STATUS: Information and contacts are provided on appropriate webpages.</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
			<p>c. Issues brought to ombudsman are appropriately handled. STATUS: Ongoing as requested.</p> <p>d. Opportunities are taken to encourage small business considerations in UDEQ policy development. STATUS: Tools and resources focused on small business needs. Small businesses are included in air quality planning initiatives to understand their issues and work with them to design tailored solutions.</p> <p>e. Small businesses receive assistance with UDEQ permitting process and other programs as needed. STATUS: Ongoing through Pre-design and website and with a new online tool "Permit Wizard" that went live on website October 2013.</p> <p>f. Annual EPA Small Business Assistance Program report is completed.</p>
Cross-cutting Strategy: Expanding the Conversation on Environmentalism		CUSTOMER SERVICE	
		GOAL #4: Provide public information and participation opportunities. Public Education Objectives: 1. Link public education opportunities across divisions.	<p>a. Utilize Facebook, Twitter, and DEQ newsletter. STATUS: Both Facebook and Twitter are frequently utilized to promote DEQ initiatives and programs.</p> <p>b. Number of 1-800 calls and UDEQINFO e-mail inquiries to education initiatives. STATUS: Ongoing as requested.</p> <p>c. Number of participants reached through display events.</p> <p>d. Print and web-based education materials are current. STATUS: Ongoing. OPPA works with webmaster and divisions to create and update online and hard copy information and outreach materials.</p> <p>e. UDEQ initiatives are incorporated into, UEHA,</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
			USEE, and other external initiatives. STATUS: Staff participated in Clean Air Summit, and various other workshops and events to strengthen partnerships and build support for UDEQ initiatives.
		2. Design and implement issue-specific campaigns to inform and involve the public.	With appropriate internal and external groups, new outreach projects that support the UDEQ mission are strategized and collaboratively implemented as opportunities arise and support is available. STATUS: Ongoing.
		3. Manage information dissemination on UDEQ WebPages.	a. Number of web hits reviewed monthly to determine which pages are being visited. STATUS: Ongoing, Google analytics run monthly. b. Coordination/assistance provided to divisions on best ways to use web to inform public of program or specific issue. STATUS: Ongoing. OPPA now coordinates all Division webpages for consistency. c. Internal web committee meets on monthly basis to ensure standardize pages and to suggest improvements/changes to web and web standards, as needed. STATUS: Ongoing. d. Participation on technical committees using web to assist with public information/presentation aspects. STATUS: Ongoing. e. PPA-managed pages are reviewed regularly to repair broken links and to ensure information is current and written clearly and concisely, using Associated Press style guidelines. STATUS: Ongoing

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UDEQ OFFICE OF PLANNING AND PUBLIC AFFAIRS

EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
		Stakeholder Involvement Objectives: 1. On request, prepare and implement stakeholder involvement plans for specific projects and programs.	a. Plans are developed and implemented in conjunction with program or project manager. STATUS: OPPA and DAQ are wrapped up the PM2.5 workgroup process which engaged more than 100 people. OPPA and DAQ initiated public involvement as part of the ozone advance in the Uintah Basin. b. Key stakeholders are involved in the development of plans to ensure concerns are considered. STATUS: OPPA and DAQ engaged more than 100 people on the PM2.5 workgroup process and initiated public involvement as part of the ozone advance in the Uintah Basin. c. Dry runs are conducted prior to public meetings. Coaching is conducted, on request. STATUS: Ongoing. d. As appropriate, surveys or other feedback tools are used at the conclusion of project to gauge success. STATUS: Ongoing.
Cross-cutting Strategy: Working for Environmental Justice and Children's Health		2. Ensure Environmental Justice (EJ) issues are incorporated into community involvement plans.	a. All segments of impacted community are considered in plan. STATUS: EJ issues are resolved as needed and in coordination with the EPA when they arise. b. Assistance is provided to the Divisions, as needed, on EJ questions. STATUS: Grant information received from EPA is disseminated to to partner organizations and through email lists.
Cross-cutting Strategy: Expanding the Conversation on Environmentalism		Media Relations Objective: 1. Assist PIO with UDEQ media relations. 2. Utilize UDEQ's Web site to proactively highlight issues and keep it current and relevant.	a. PIO back-up is provided. b. UDEQ media policy is followed. c. Opportunities to inform public of issues or programs through the media are actively sought and story ideas forwarded to PIO. d. Opportunities to contribute to UDEQ's bi-monthly newsletter are actively sought and promoted throughout the Department.

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
			STATUS: Ongoing
Supports all Strategic Goals		EMPLOYEES	
		GOAL #6: Promote excellence in customer service by encouraging and supporting employees.	
		1 Support UDEQ Inner web and employee web casts as a way to keep employees informed of events and issues that impact them.	a. Inner web content is current. b. Feedback sought to determine employee interest. c. Support provided to Quality Council and other Employee web casts STATUS: Ongoing.
		2. Encourage employee development, staff teamwork, and mutual support	a. PPA staff has valued added roles in department activities. b. Teamwork and individual efforts are recognized. c. Staff meetings are used to share project information, to encourage synergy and collaboration, and to problem-solve. d. Training is provided. e. Participation in professional organizations is encouraged. STATUS: Ongoing.

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
Cross-cutting Strategy: Expanding the Conversation on Environmentalism		I. ENVIRONMENT GOAL: Partner with the Department and Divisions in planning and policy initiatives	
		1. Provide planning support for UDEQ initiatives and, on request, to statewide initiatives.	a. Process for completion of FY2013 PPA is successfully coordinated and final document is submitted to EPA. Completed. Submitted 9/25/13 b. Process for completion of End-of-Year Report for FY 2012 PPA is coordinated with Divisions and is submitted to EPA. Completed – Submitted 12//12 c. Process for completion of the three-year Local Health Department contracts is coordinated and the contracts are signed. Completed – we are still doing one year contracts d. As opportunities arise, UDEQ is represented in meetings and information is coordinated through appropriate Department channels. Ongoing.
Cross-cutting Strategic Goal: Strengthening Partnerships		II. CUSTOMER SERVICE GOAL: Operate as customer-oriented agency by focusing on customer service, trust and problem solving through teamwork and partnership.	
		OSS 1. Meet with each Division/Office in the Department to discuss the quality of our services and any gaps. 2. Continue to develop the OSS portion of the inner-web as needed to provide information, policies, procedures, staff duty list, and forms commonly used by the Department.	1. Customers' opinions solicited. 2. Customers accept our recommendations. 3. Division/office directors receive prompt and complete customer service. Ongoing. Meet monthly with Division SSCs (budget leads) to coordinate activities and resolve and identify problems. Innerweb contains information on policies,
Supports all Strategic Goals		Finance Services 1. Carefully review the LFAs fee document to eliminate errors. 2. Prepare various analyses of historical budget	

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
		<p>reductions, unfunded program requirements, costs per FTE charts and other analysis as needed.</p> <p>3. Develop a schedule of significant budgeting due dates.</p> <p>4. Update the Departments cell phone policy.</p> <p>5. Produce monthly reports and charts detailing</p> <ul style="list-style-type: none"> a. Out of State Travel b. Incentive Awards c. Motor Pool d. DP1s e. FINET Transactions f. Cash Receipts timeliness g. Cell Phone Usage h. Budget Forecast (Beginning in January each year) i. Restricted Funds Report j. Third Party Travel Reimbursements over 60 days old k. Audit Findings <p>6. Encourage and help the Divisions get the necessary training to use the State's Data Warehouse and other resources available to do budgeting and other financial research. This will enhance their ability to obtain timely financial information for making management decisions.</p> <p>7. Closely monitor cash and investment balances in Department funds that allow interest to maximize investment earnings.</p> <p>8. Review the accounts receivable procedures of the Department and propose recommendations for improvement. Outstanding receivable reports will be reviewed quarterly.</p> <p>9. Provide training and customer support for the DP1 system and work with DTS to monitor and enhance as necessary.</p> <p>10. Timely submit required reports and schedules.</p> <ul style="list-style-type: none"> - MBE/WBE - Federal Financial Reports - Year End Closing Reports and Schedules 	<p>procedures, contact and is kept up to date as changes occur. Reports are generated and submitted, as requested or required. Coordination with divisions on customer service occurs formally and informally through the year.</p> <p>EQRA fund is monitored, others as needed. Cash, and investment balances are reviewed weekly.</p> <p>Account receivable procedures recommendations have been given by a Kaizen group and improvements implemented. Outstanding reports are monitored monthly.</p> <p>Efforts for continual improvement are ongoing.</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
		including inventory and leases - Single Audit Report - SRF Financial Statements - Indirect Cost Proposal - Budget Request - Fee Schedule 11. Analyze possibility of expanding Indirect cost calculation to include allocations of rent, DTS costs, insurance etc. 12. Work toward putting Grant information on Documentum. 13. Review operations using the LEAN Six/Sigma Process.	Ongoing and requirements met.
Supports all Strategic Goals		<u>General Services</u> 1. Coordinate two annual facility-wide fire drills and work for the goal of achieving 100% participation. A complete employee evacuation should be held under the maximum acceptable time of 7 minutes. After each evacuation, a meeting with the Emergency Coordinators and Sweepers will be held as soon after the evacuation as possible to discuss their comments, complaints, and suggestions about the procedure. A department-wide e-mail will go out each time there is an update made to the Emergency Evacuation plan on the DEQ Innerweb, informing employees that changes and updates have been made. 2. Complete and submit the following reports: a. Utilization and Rate Matrix for submission to DFO (January). b. Self-Inspection Survey for submission to DRM (May), note to submit by deadline in order to receive full insurance discount. c. Statement of Property Values for submission to DAS (June). d. Service Level Agreement for submission to DFO	

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
		<p>(June).</p> <p>e. Vehicle Fleet Cost Efficiency Plan for submission to DFO (September).</p> <p>f. Replacement Vehicle Justification Report for submission to DFO (October).</p> <p>3. Continue efforts to communicate the need for and highlight the UDEQ Technical Support Center Building project. Work closely with DFCM Project Managers to manage and participate in all planning and development stages of the re-model construction project of the UDEQ Technical Support Center. Keep management and all interested parties informed of construction and planning meetings and progress as the project moves forward.</p> <p>4. Work closely with DFCM Project Managers to manage and participate in all planning and development stages of the re-model project of the DEQ MASOB second floor AG's offices. Keep management and all interested parties informed of construction and planning meetings as the project moves forward.</p> <p>5. Continue efforts to build upon MASOB building evacuation plan to incorporate plans for bomb threats and other possible scenarios.</p> <p>6. Prepare UDEQ for and assist with the coordination efforts where applicable for the planned evacuation of the Airport East campus facilities. Work closely with the Redwood Campus DFCM personnel to incorporate this plan into our Emergency Evacuation plan.</p> <p>7. Work to increase UDEQ's building security awareness by coordinating efforts with Risk Management as well as researching opportunities to create and commence an annual employee building security awareness process potentially involving a video, quiz, and completion certificate.</p> <p>8. Participate in and be a resource for "The Great Utah</p>	

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
		Shakeout” event scheduled for April 17, 2013. 9. Continue with ongoing trainings to revise and develop a new Continuity of Operations Plan (COOP) for DEQ at the MASOB to be listed on the national ‘Sunguard’ database. Encourage department wide participation for updating our current plan.	
Supports all Strategic Goals		<p><u>Auditor</u></p> <ol style="list-style-type: none"> 1. Conduct audits of all major waste disposal fee facilities each year. The auditor will assist in scheduling an annual Audit Committee meeting to assign additional audits and to discuss yearly priorities and any other relevant topics. 2. Be a resource to perform internal audits as assigned by the Audit Committee. Potential items to review via the internal audit function include: <ol style="list-style-type: none"> a. Divisions and their billing practices. b. Cash receipts recorded by each Division. c. DSHW agreements/permit work involving the recording of deferred revenues. 3. Provide financial assurance assistance to Divisions, which currently includes generating a letter of financial health on EnergySolutions, Inc, to DRC and assessing the financial aspects of applications for DAQ Clean Fuel and Vehicle Technology Grant and Loan Program. 4. Receive copies of the monthly waste fee reports and will monitor waste fee payments. Significant fluctuations will be investigated and tonnage figures will be reconciled back to payments received on a monthly basis. 5. Perform an annual review of the DEQ hourly fee for reasonableness. <p><u>Other Services</u></p> <ol style="list-style-type: none"> 1. Process cash receipts within three days of receipt of money, process bank deposit and record it into FINET system with all coding. 2. Coordinate all GRAMA requests received daily from all divisions. Director will be kept informed of these and all will be processed and answered in the allotted 10-day period of time. A GRAMA spreadsheet of all UDEQ 	<p>Current audits: Clean Harbors, Grassy Mountain, Clean Harbors Aragonite, Stericycle, Liberty Tire.</p> <p>Letter of Financial Health issued to DRC regarding EnergySolutions, Inc. June 2013</p> <p>#5 was determined not necessary for this year.</p> <p>#4 was not done.</p> <p>Staff is currently training to become a certified internal auditor,</p> <p>Accomplished and ongoing.</p>

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
		<p>requests will be completed weekly and sent to the Executive Director.</p> <p>3. Evaluate the need for a meeting for GRAMA coordinators to update them on forms, needs, etc. If need exists, lead the meeting.</p> <p>4. Provide service with reserving conference rooms as well as four UDEQ vehicles. Work towards making all Dept. Motor Pool vehicles' schedule available on Groupwise.</p> <p>5. From the front receptionist desk, log and check in all customers plus direct them to UDEQ employee or division assistance. Provide customer/employee needs with mail, customer phone calls, deliveries/pickups and recycling needs.</p> <p>6. Work to create projects and special responsibilities for front receptionist desk to build employee's strengths and further develop this function.</p> <p>7. Facilitate UDEQ employee name badges by taking employees picture and sending onto Facilities Coordinator.</p>	
Supports all Strategic Goals		III. STATE-BASED REGULATION OF ENVIRONMENTAL PROGRAMS GOAL: Take an active role to help influence and develop rules and programs that are consistent with and help Utah achieve its needs.	
		<u>OSS</u> Continue to provide the financial application for the Performance Partnership Grant.	Complete the grant and all necessary amendments and changes within prescribed due dates. Accomplished.
Cross-cutting Strategy: Strengthening Partnerships		IV. PARTNERSHIP WITH FEDERAL, STATE, LOCAL AND TRIBAL GOVERNMENTS GOAL: Assist with ensuring effective delivery of environmental services through intergovernmental collaboration.	

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
		<u>OSS</u> 1. Ensure that key problems identified by UDEQ, LHDs and local governments are addressed and solutions developed and implemented. 2. Help ensure the effectiveness of the Environmental Service Delivery Plan in developing a state/local partnership, coordinating delivery of services, and obtaining adequate resources. 3. Provide appropriate administrative support to strengthen the relationship of the Department with local health departments and local governments.	1. Process quarterly contract payments on a timely basis. 2. Prepare annual Building Block for cost of living increases. 3. Assist in the processing of annual contract and or amendment. Accomplished and ongoing. Note: Annual Building Block is now done on a statewide basis and not a DEQ Building Block.
		<u>Local Health Liaison</u> 1. Facilitate strong relationship between UDEQ and the Local Health Departments.	a. Participation in CLEHA, Local Health Officers' Association, Local Boards of Health, and UEHA meetings. Ongoing – both in person and by phone when necessary. b. Process for the three-year contracts is successfully coordinated and completed. Due to budget uncertainties this remains an annual process. c. Annual EOY reports are coordinated and completed. All annual reports were received by deadline. d. Partnership meetings are effective and issues raised are tracked and resolved. Annual Partnership meeting was held in December, 2012. Issues were monitored and addressed.
Supports all Strategic Goals		V. EMPLOYEES GOAL: Fully utilize our major resource.	
		<u>OSS</u> 1. Achieve the following: a. Establish and follow procedures for communicating pertinent information to each	1. Employee surveys. 2. Prioritized list of necessary professional development. 3. Meeting with all employees to

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EPA Goal and Objective	EPA Measurement	UDEQ Goal	UDEQ Measure and Status
		<p>employee in the office.</p> <p>b. Implement employee recognition programs and practices that will result in a work force that believes quality work is recognized.</p> <p>c. Develop within existing resources the most efficient professional development program possible.</p> <p>d. Continue to be part of the problem-solving process and create an environment where employees are not only comfortable expressing their ideas and concerns, but are expected to do so.</p> <p>e. Develop detailed job descriptions and procedures.</p> <p>2. Effectively utilize the Department's Quality Recognition program and develop sensitivity among OSS employees (especially supervisors) as to the importance of employee rewards and recognition.</p> <p>3. Support the Department's leadership development efforts. All training will be attended by the appropriate individuals and it will be expected that those individuals will apply lessons learned in that training.</p> <p>4. Encourage employees to be involved in leadership/committee opportunities.</p>	<p>discuss problems and solutions.</p> <p>Ongoing</p>
		<p><u>Leadership Training</u></p> <p>Support UDEQ leadership development initiative.</p>	<p>1. Regular leadership-training classes are held. During FY13, 61 DEQ employees attended at least one leadership training activity.</p> <p>2. Follow-up activities in sections and branches are facilitated, as requested. Ongoing</p> <p>3. Individual employees are coached, as requested. Ongoing</p> <p>4. Participation on Employee Development Committee. Ongoing</p>